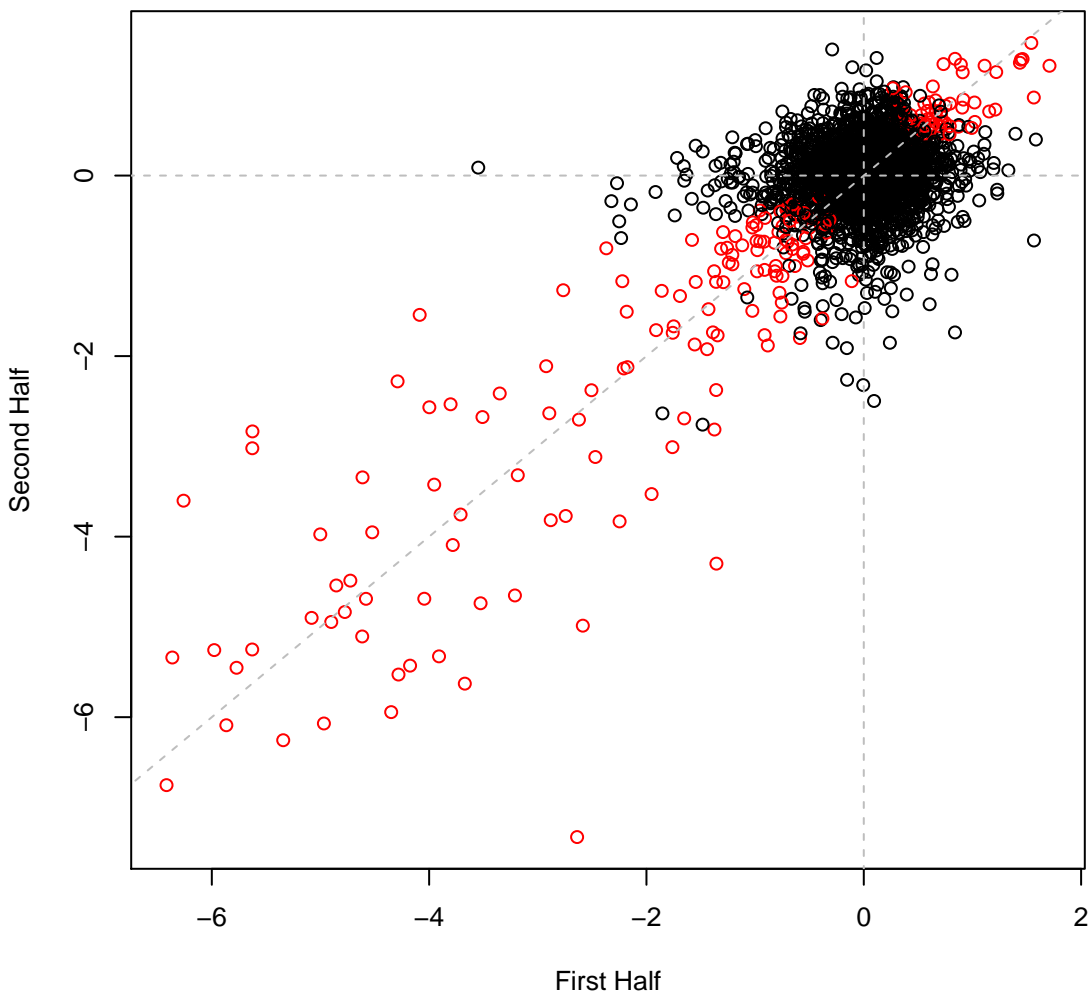
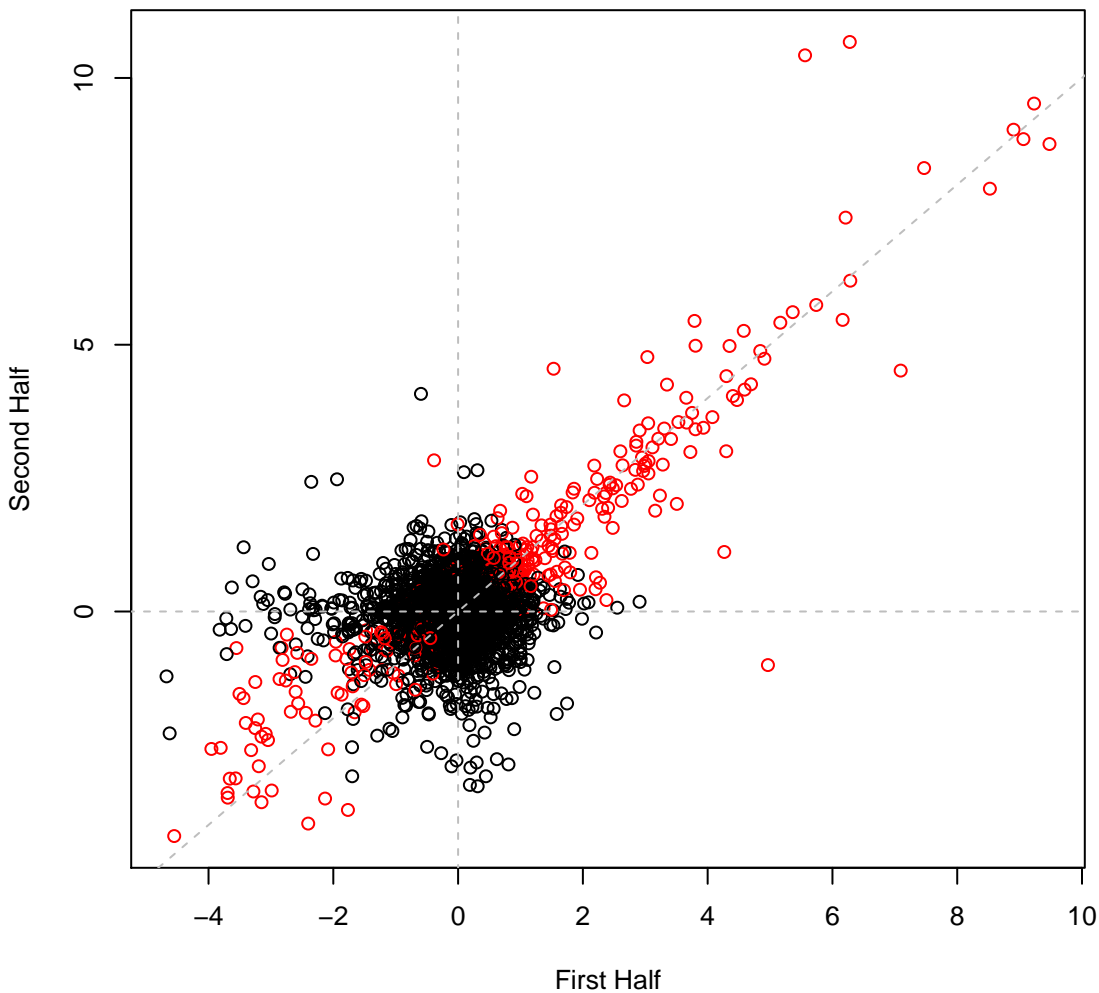


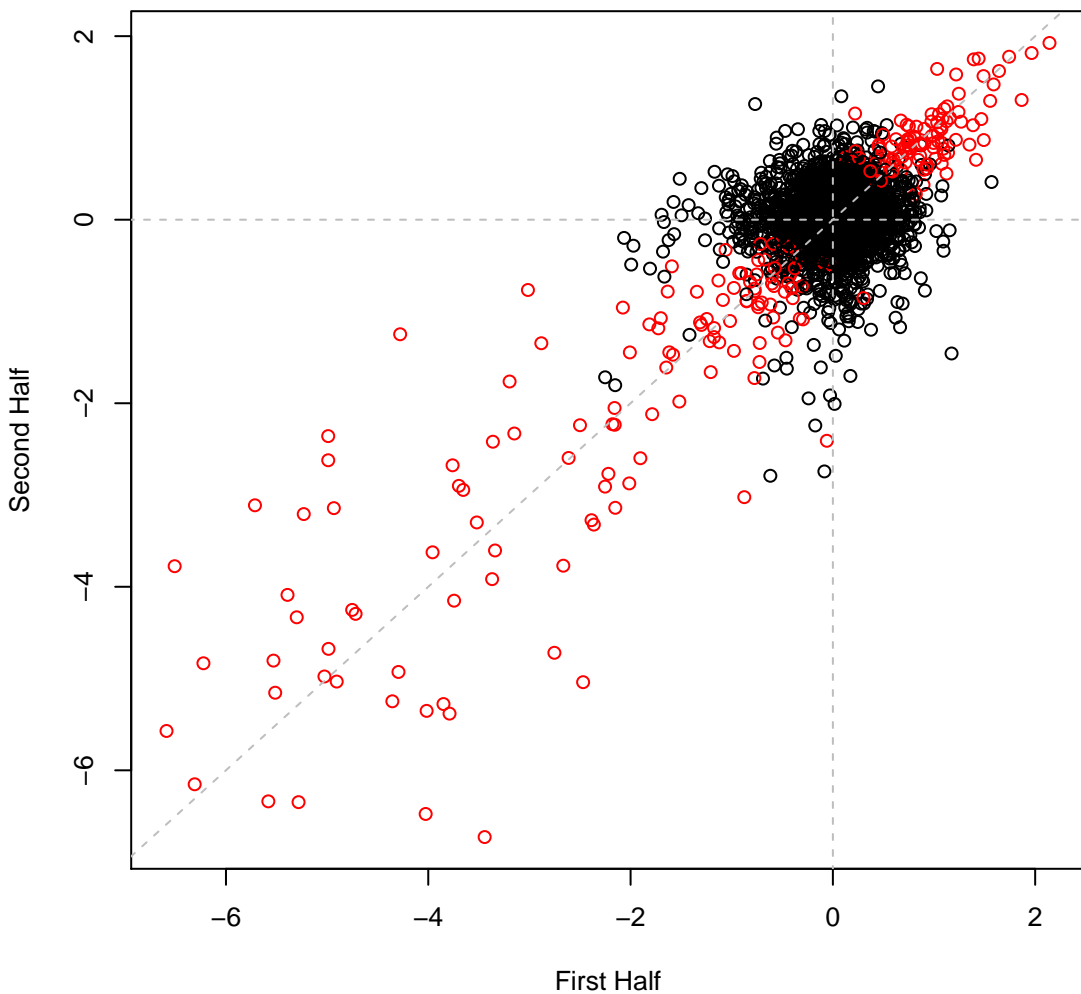
### D-Glucose (C)



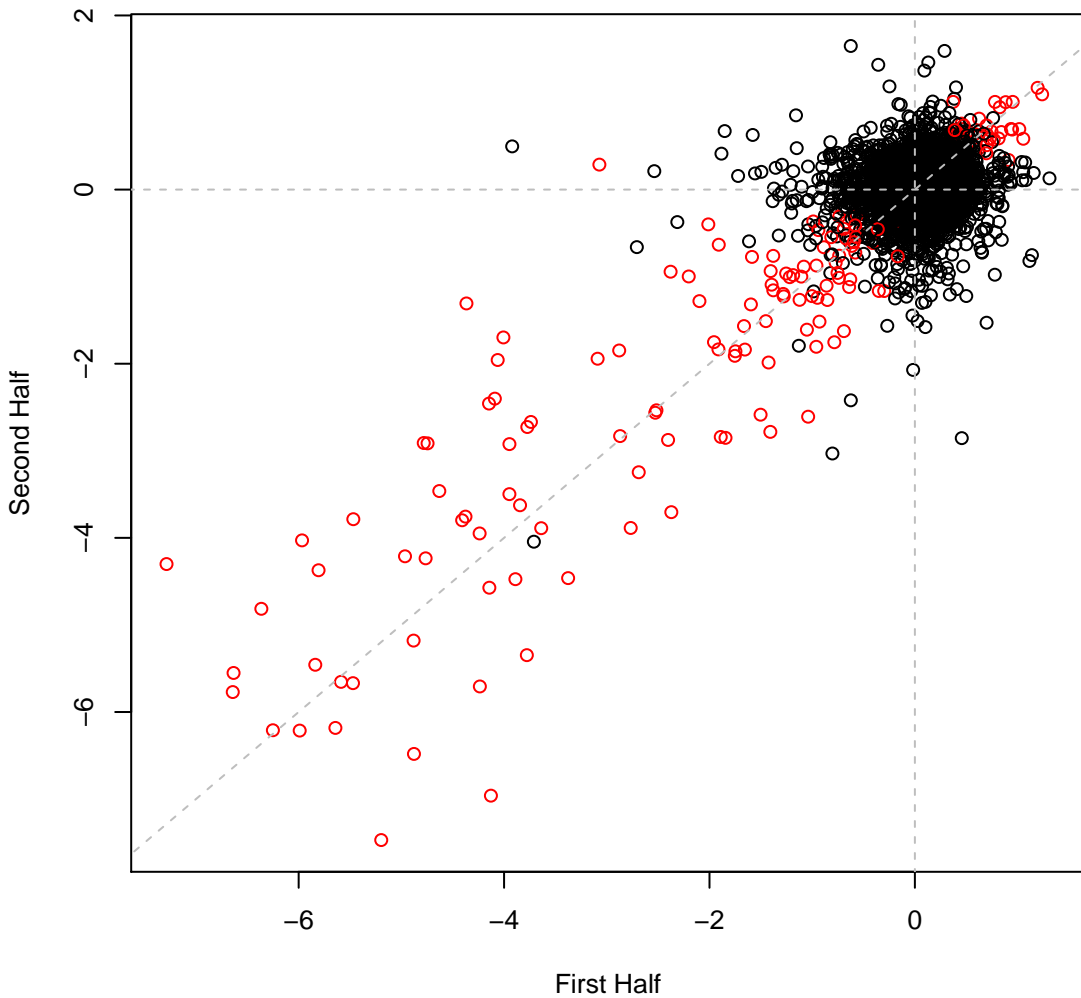
**pseudo6\_N2E2 set1IT002 #2 (gMed=39 rho12=0.262)**  
**D-Fructose (C)**



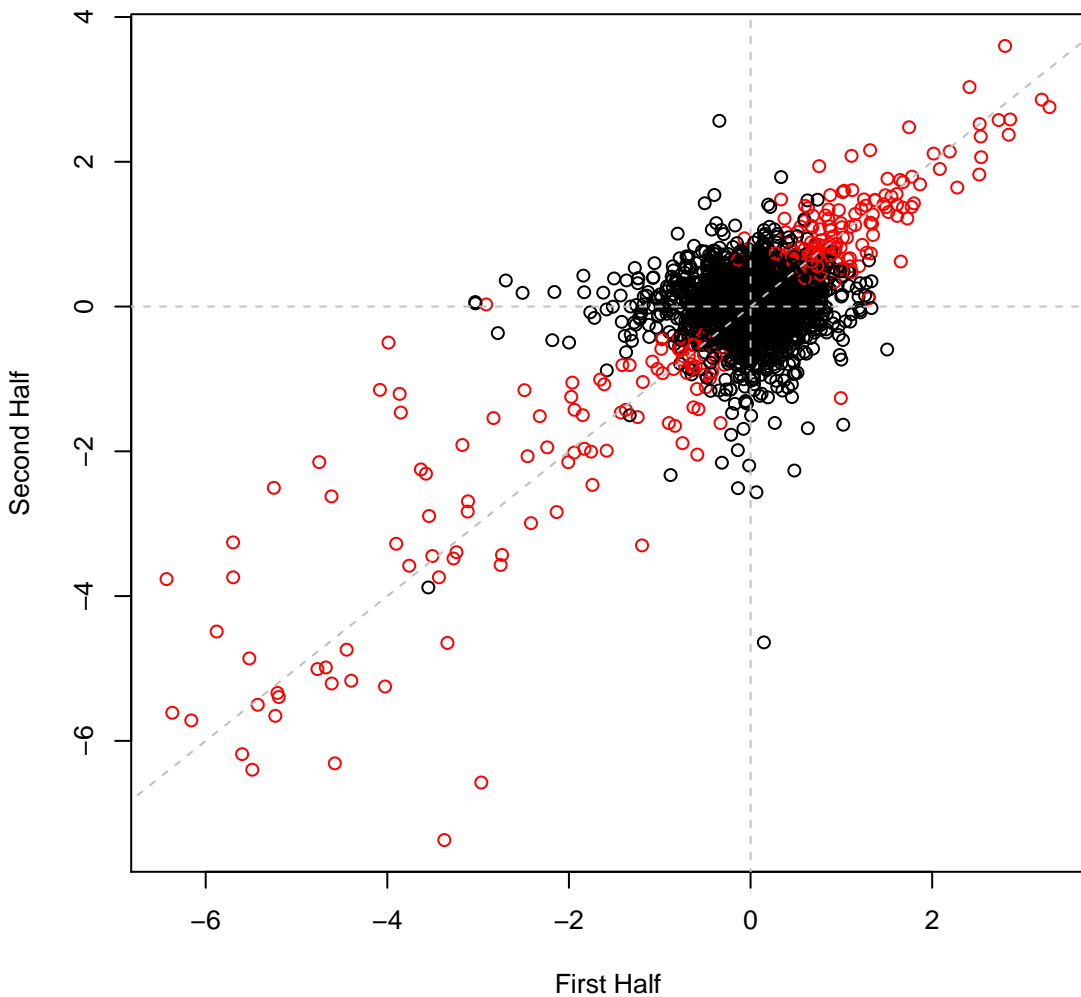
**pseudo6\_N2E2 set1IT003 #3 (gMed=118 rho12=0.249)**  
**Sucrose (C)**



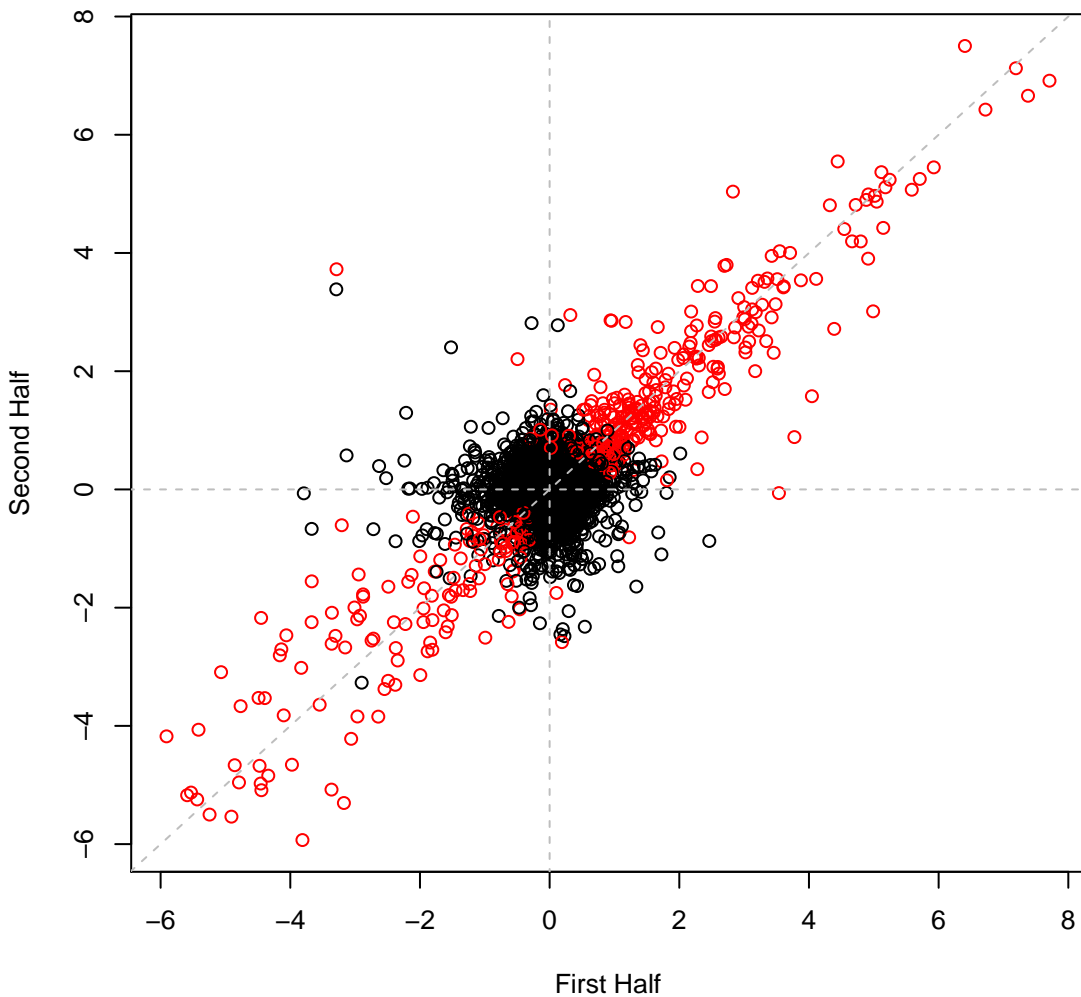
**pseudo6\_N2E2 set1IT004 #4 (gMed=114 rho12=0.207)**  
**L-Arabinose (C)**



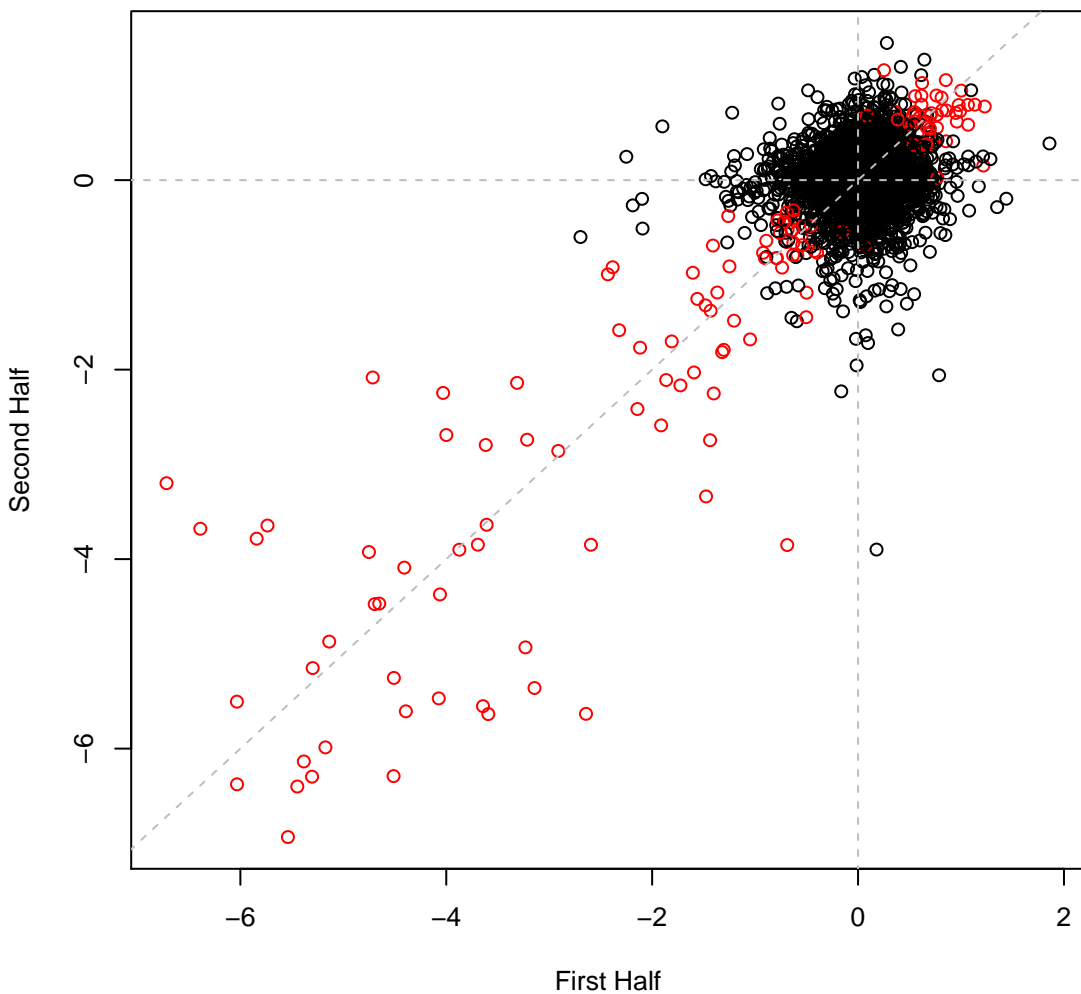
**pseudo6\_N2E2 set1IT005 #5 (gMed=112 rho12=0.276)**  
**D-Xylose (C)**



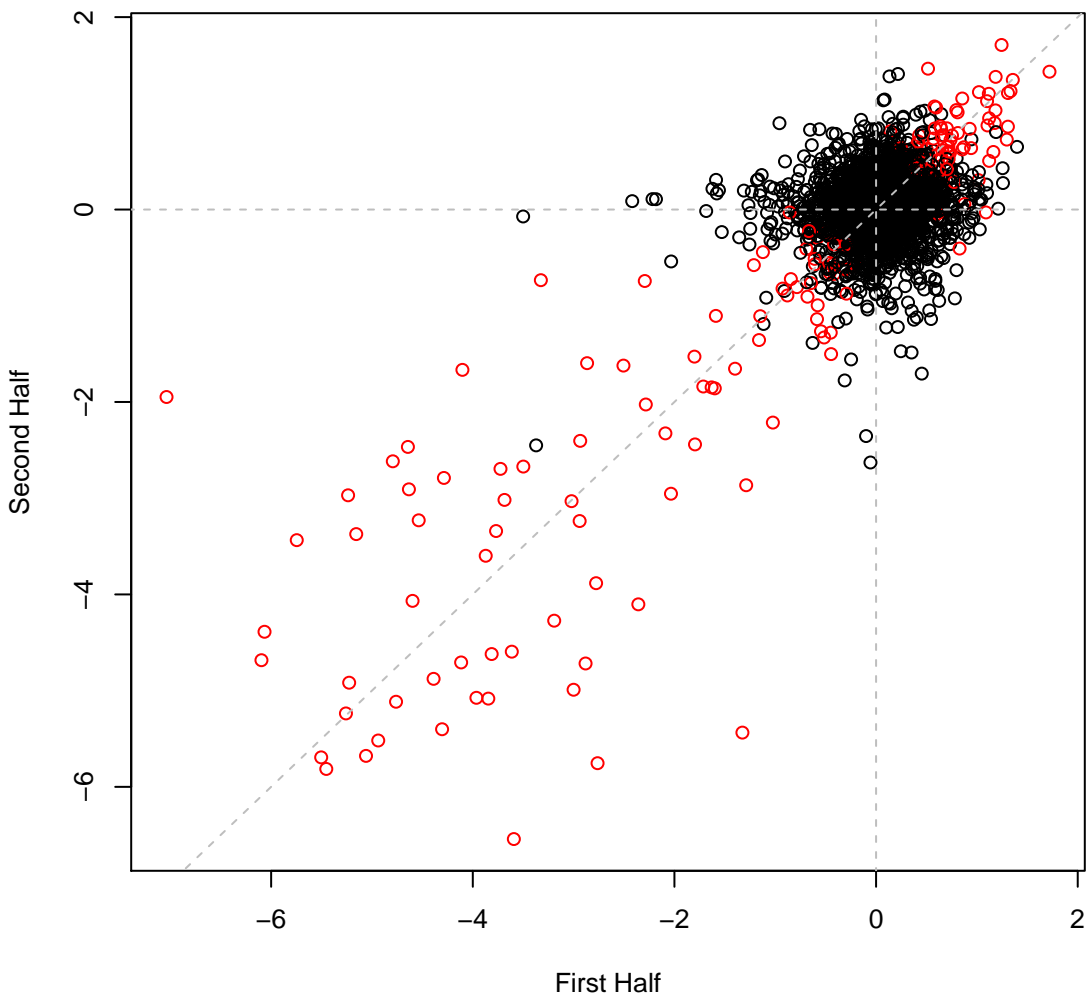
**pseudo6\_N2E2 set1IT006 #6 (gMed=89 rho12=0.355)**  
**D-Galactose (C)**



**pseudo6\_N2E2 set1IT007 #7 (gMed=115 rho12=0.193)**  
 **$\alpha$ -Ketoglutaric (C)**

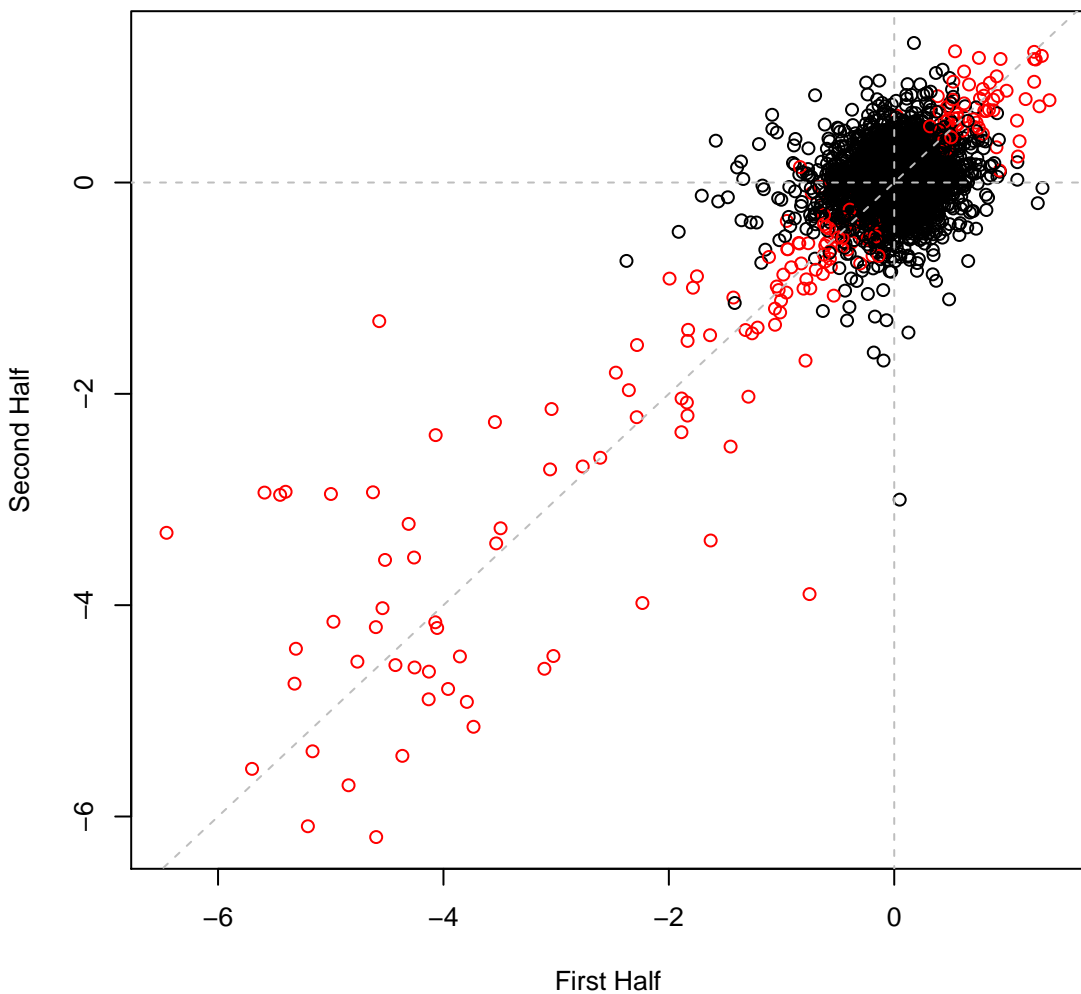


**pseudo6\_N2E2 set1IT008 #8 (gMed=123 rho12=0.219)**  
**D-Gluconic Acid (C)**

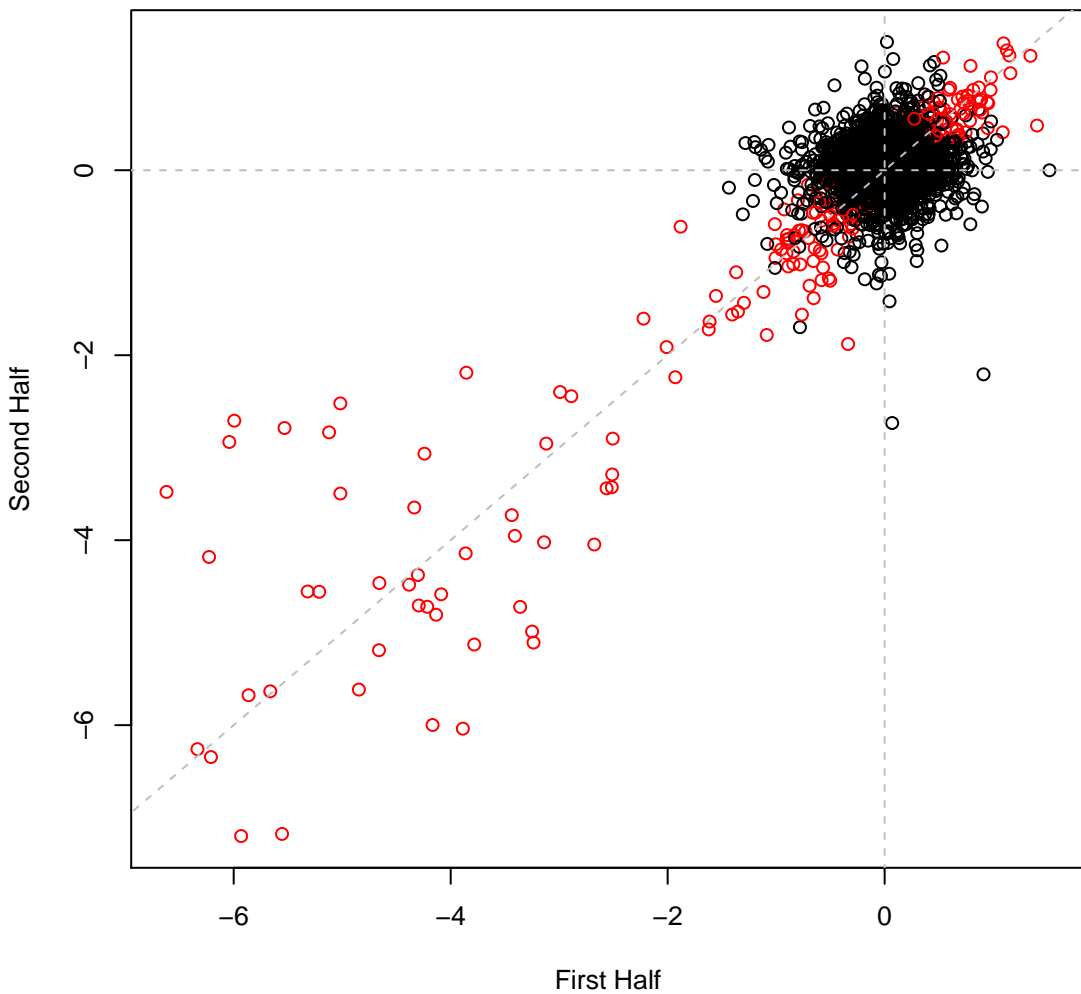




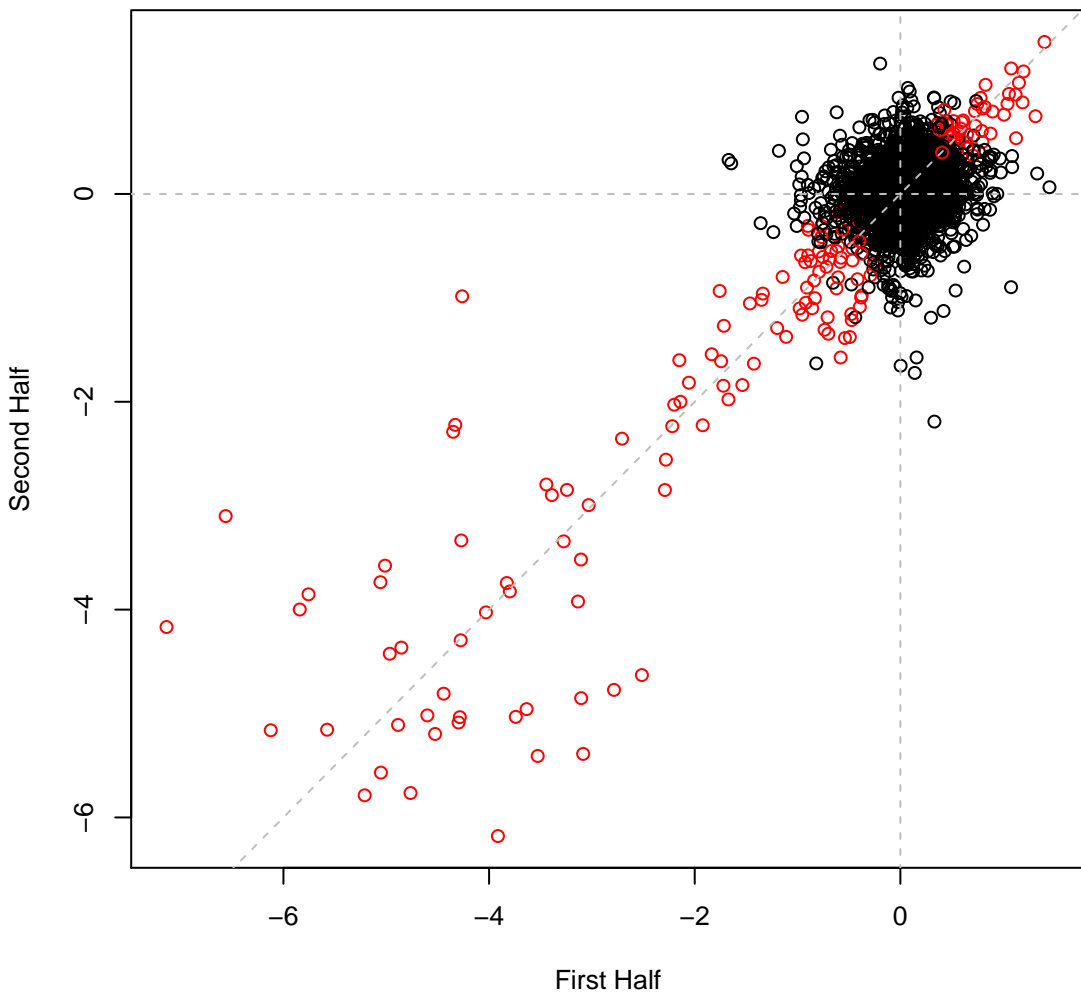
**pseudo6\_N2E2 set1IT009 #9 (gMed=228 rho12=0.257)**  
**D-Lactate (C)**



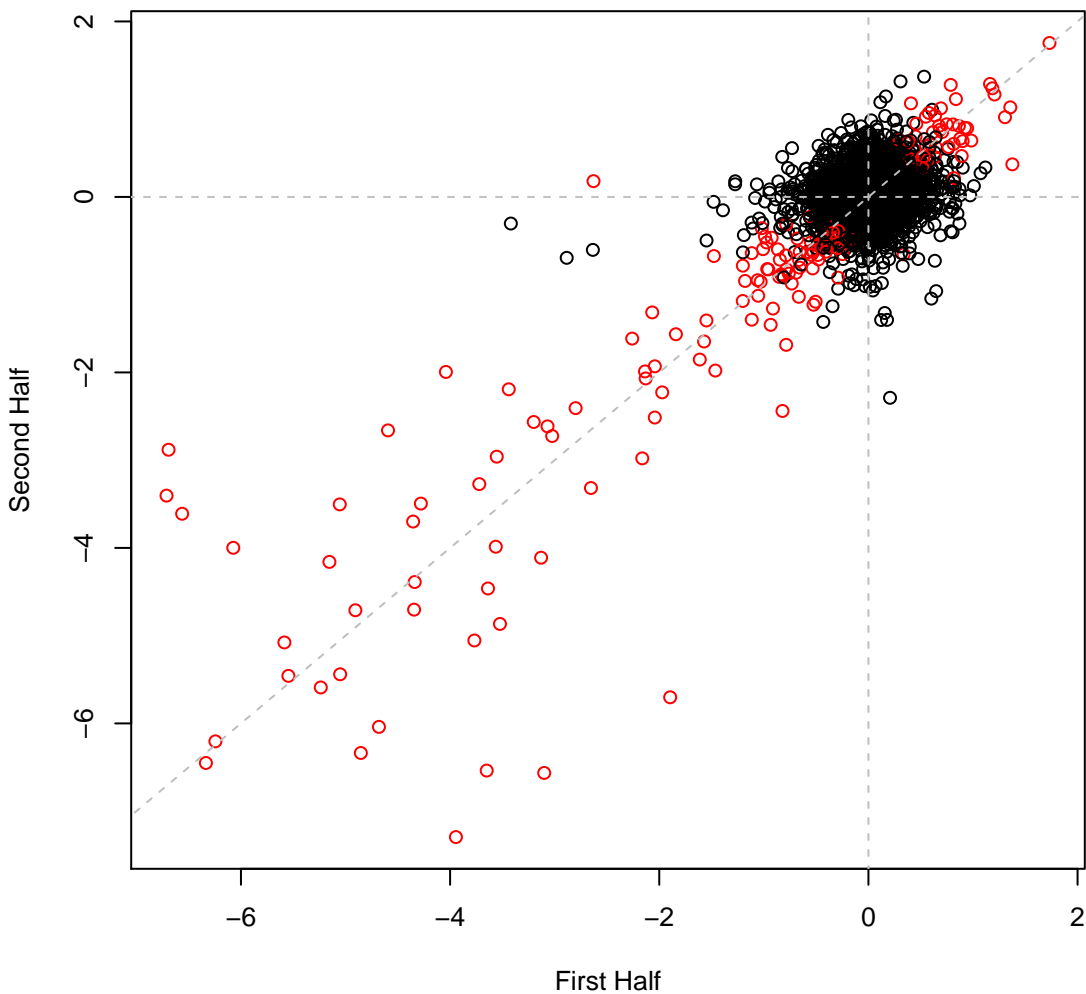
**pseudo6\_N2E2 set1IT010 #10 (gMed=252 rho12=0.214)**  
**L-Lactate (C)**



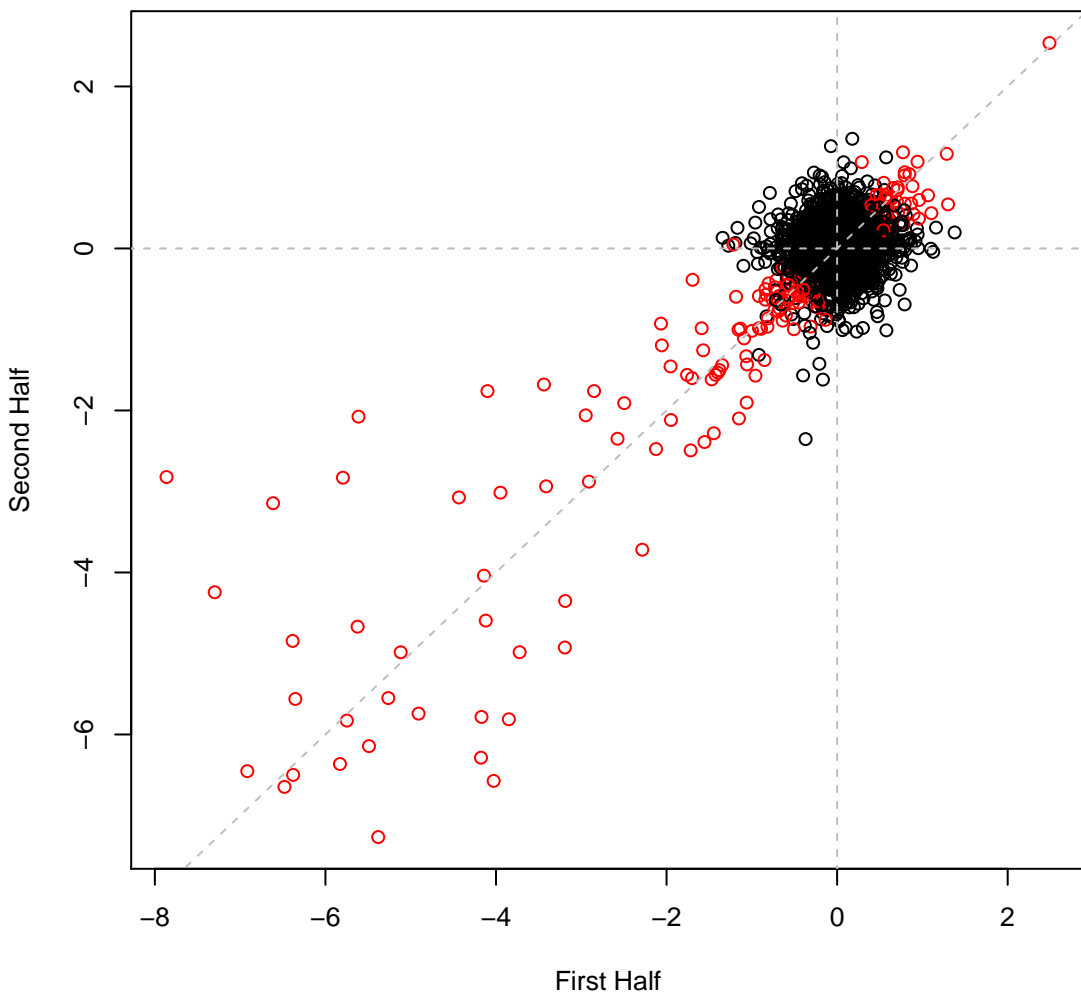
**pseudo6\_N2E2 set1IT011 #11 (gMed=227 rho12=0.247)**  
**D,L-Lactate (C)**



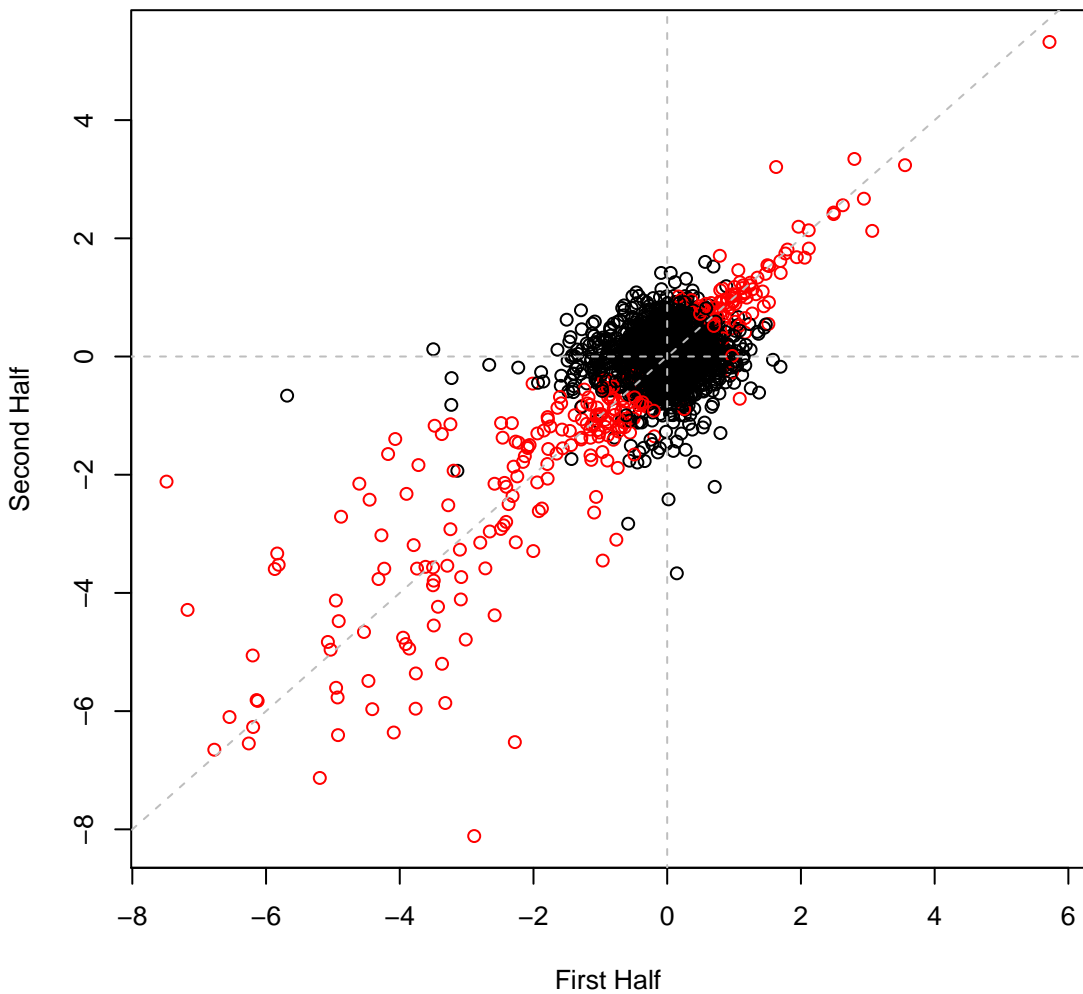
**pseudo6\_N2E2 set1IT012 #12 (gMed=256 rho12=0.209)**  
**pyruvate (C)**



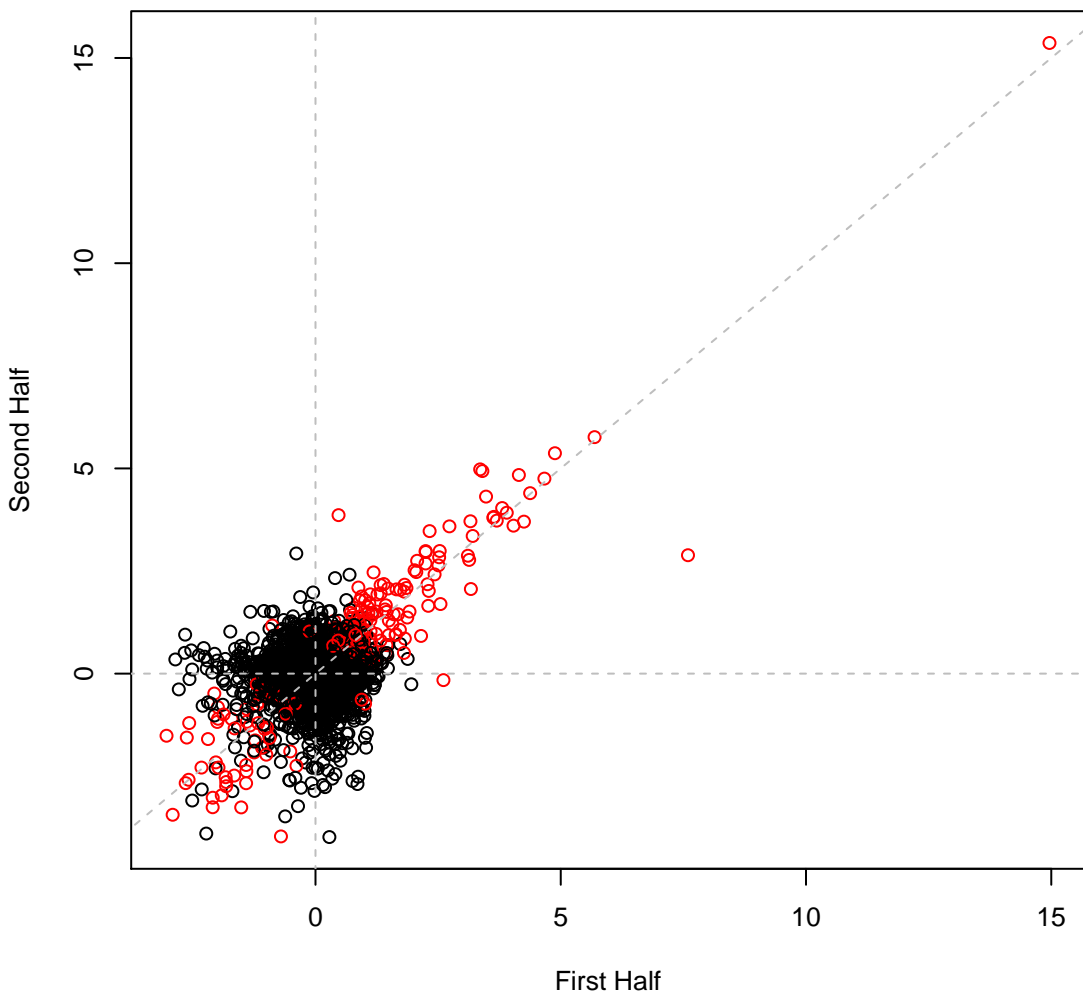
**pseudo6\_N2E2 set1IT013 #13 (gMed=278 rho12=0.221)**  
**succinate (C)**



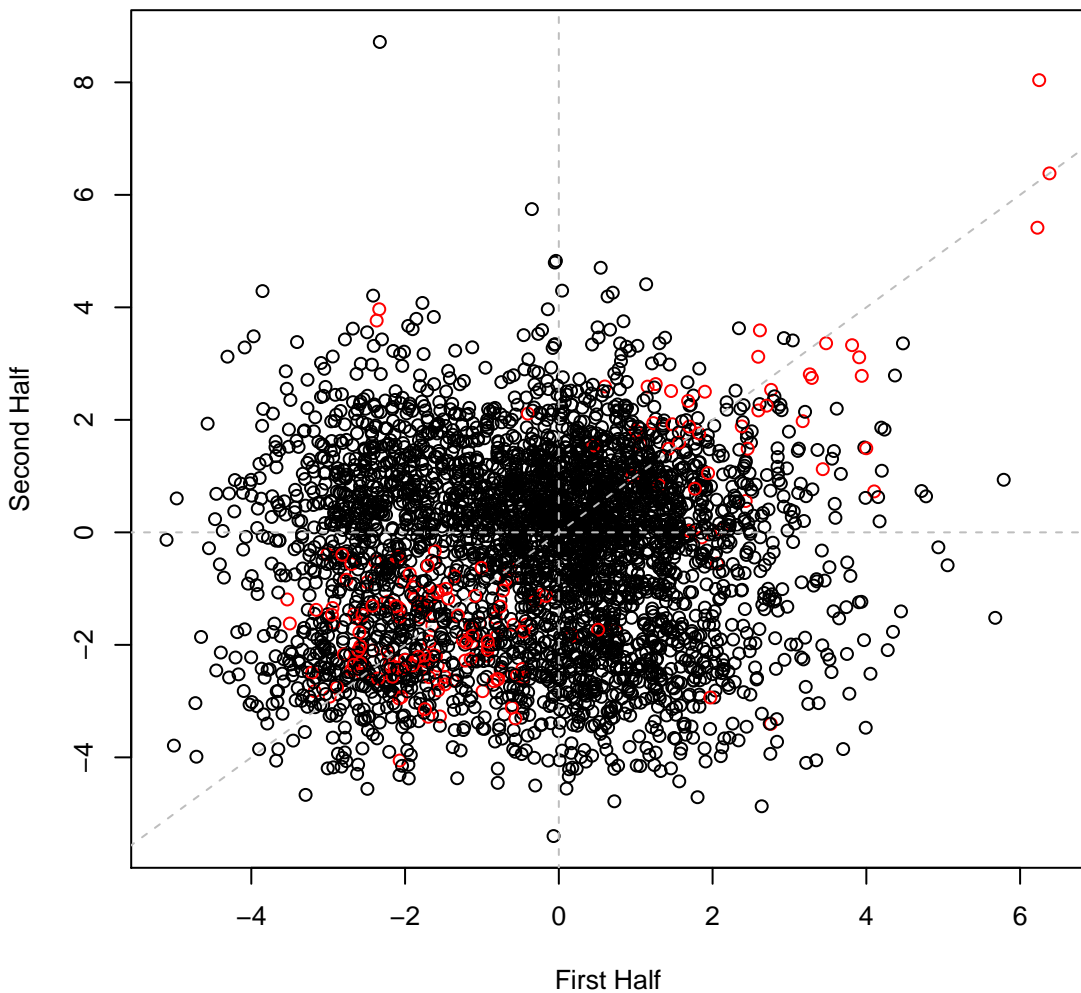
**pseudo6\_N2E2 set11T014 #14 (gMed=233 rho12=0.320)**  
**propionate (C)**



**pseudo6\_N2E2 set1IT015 #15 (gMed=41 rho12=0.178)**  
**D-Mannitol (C)**

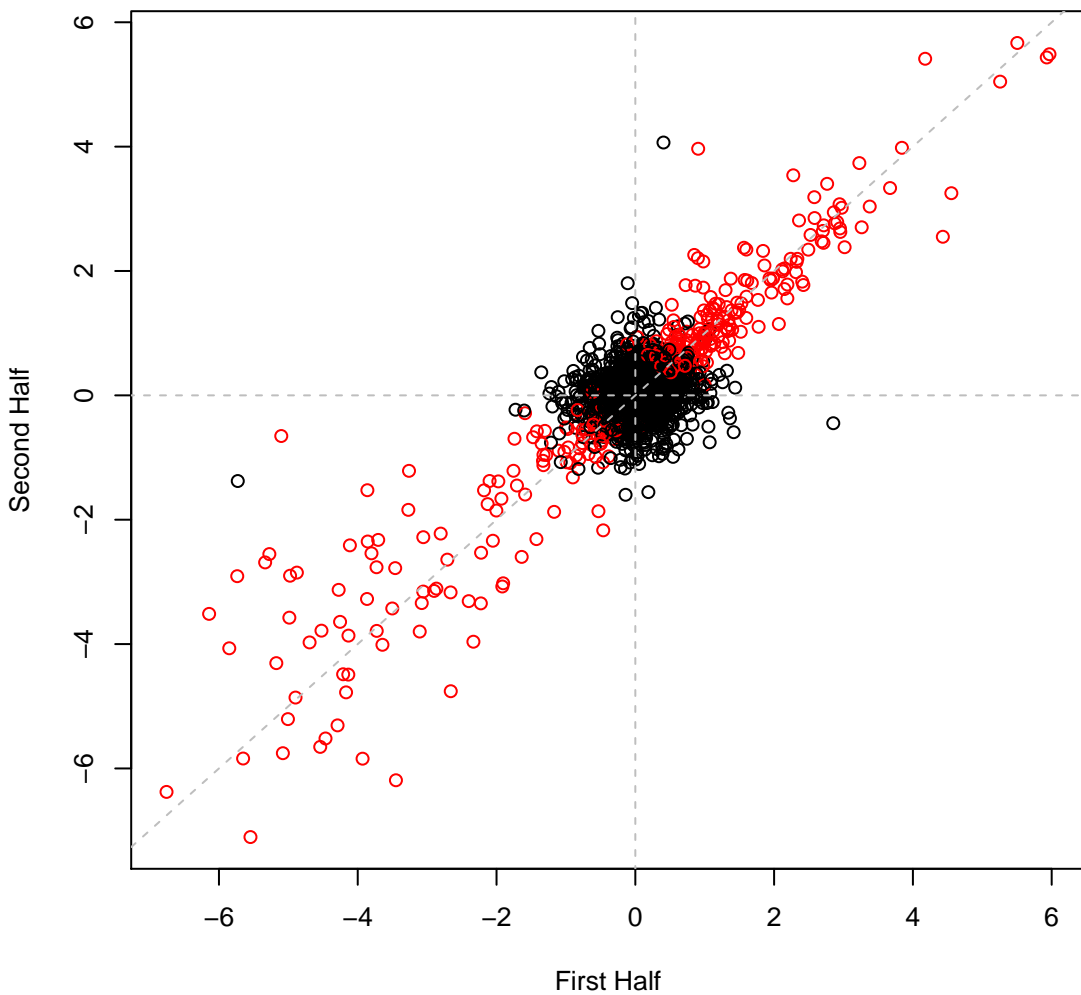


**pseudo6\_N2E2 set1IT016 #16 (gMed=205 rho12=0.055)**  
**4-Hydroxybenzoic Acid (C)**

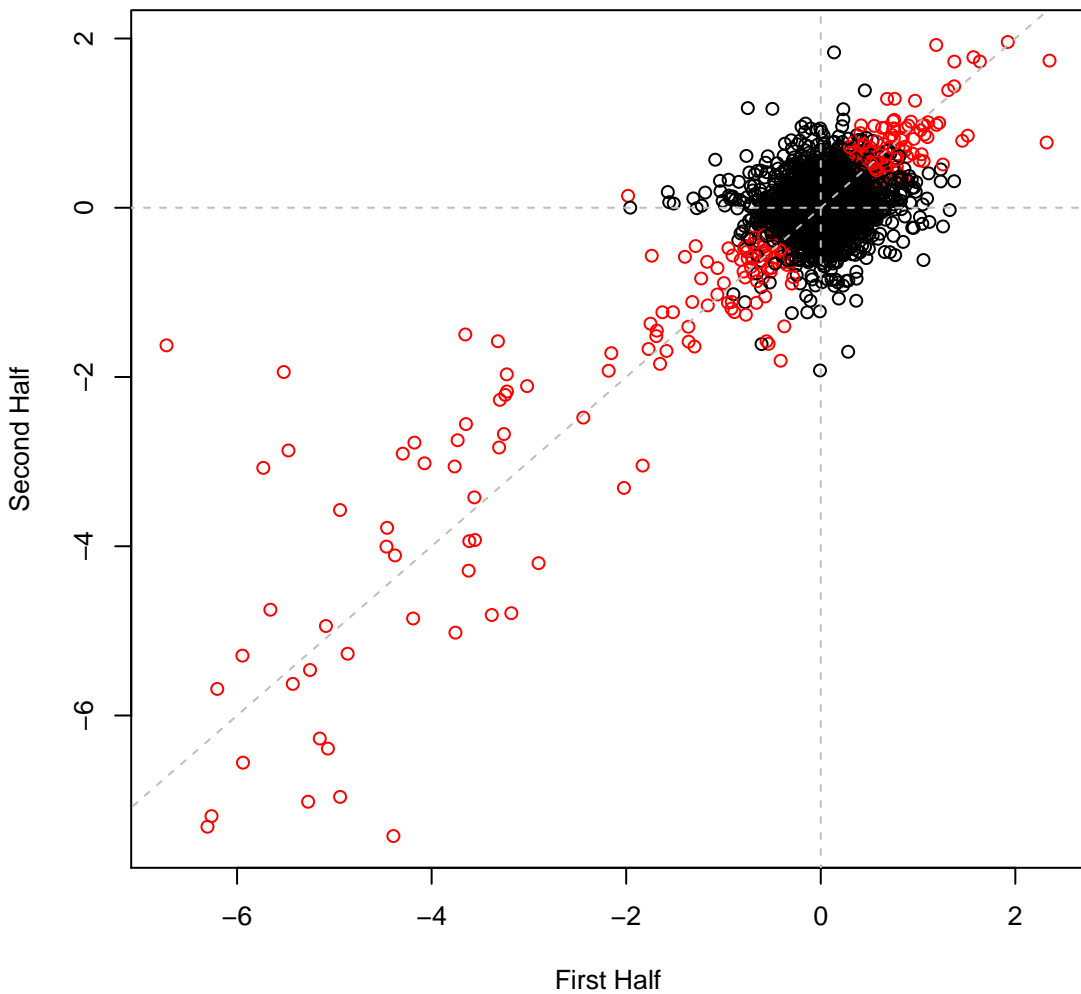




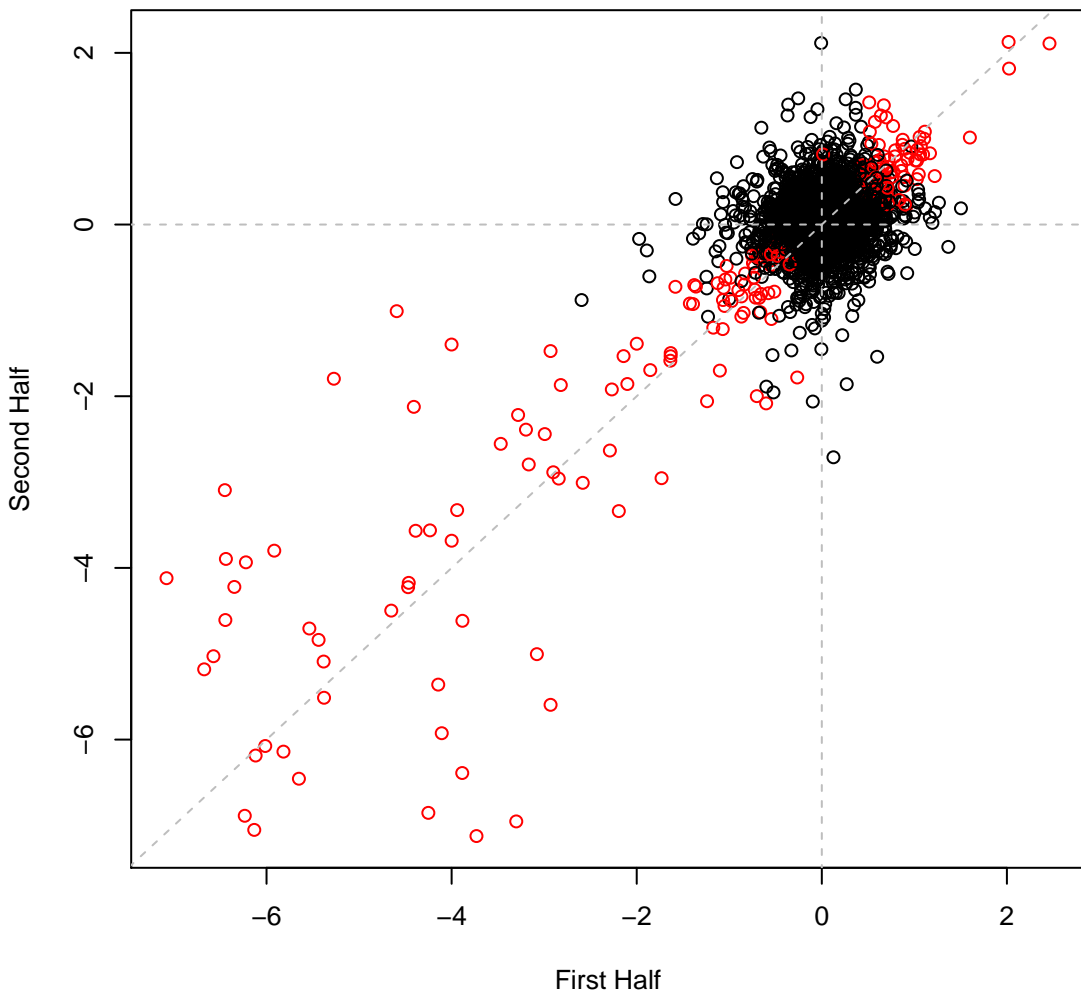
**pseudo6\_N2E2 set1IT017 #17 (gMed=260 rho12=0.365)**  
**m-Inositol (C)**



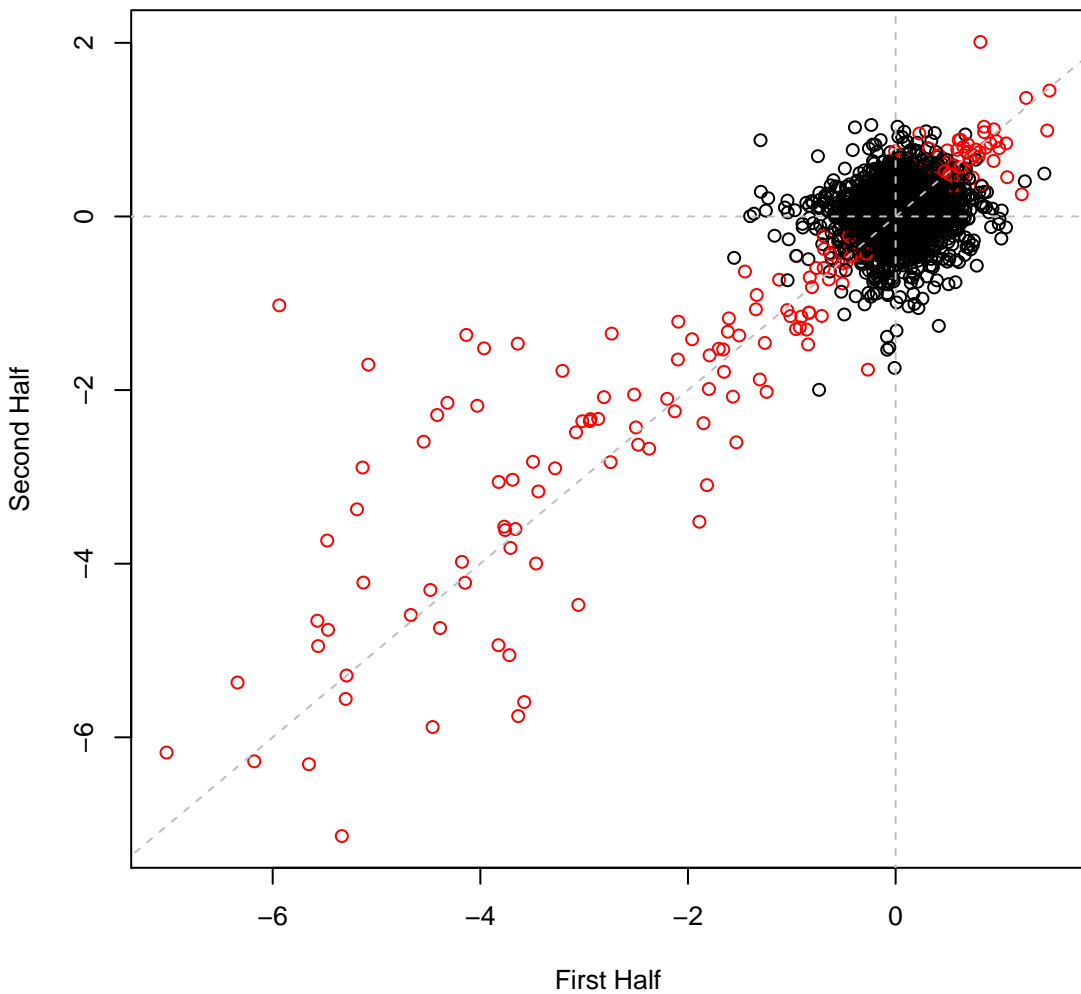
**pseudo6\_N2E2 set1IT018 #18 (gMed=240 rho12=0.271)**  
**Glycerol (C)**



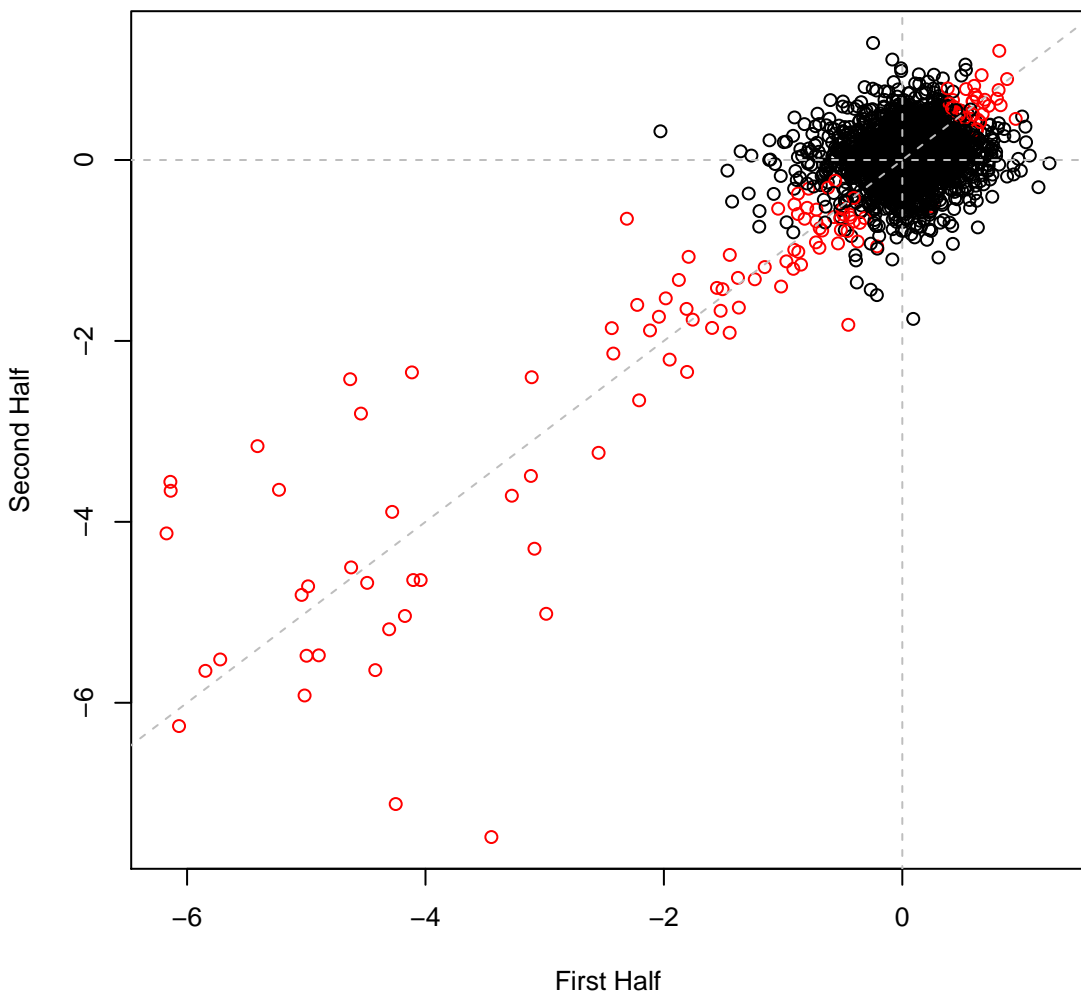
**pseudo6\_N2E2 set1IT019 #19 (gMed=234 rho12=0.238)**  
**D-Sorbitol (C)**



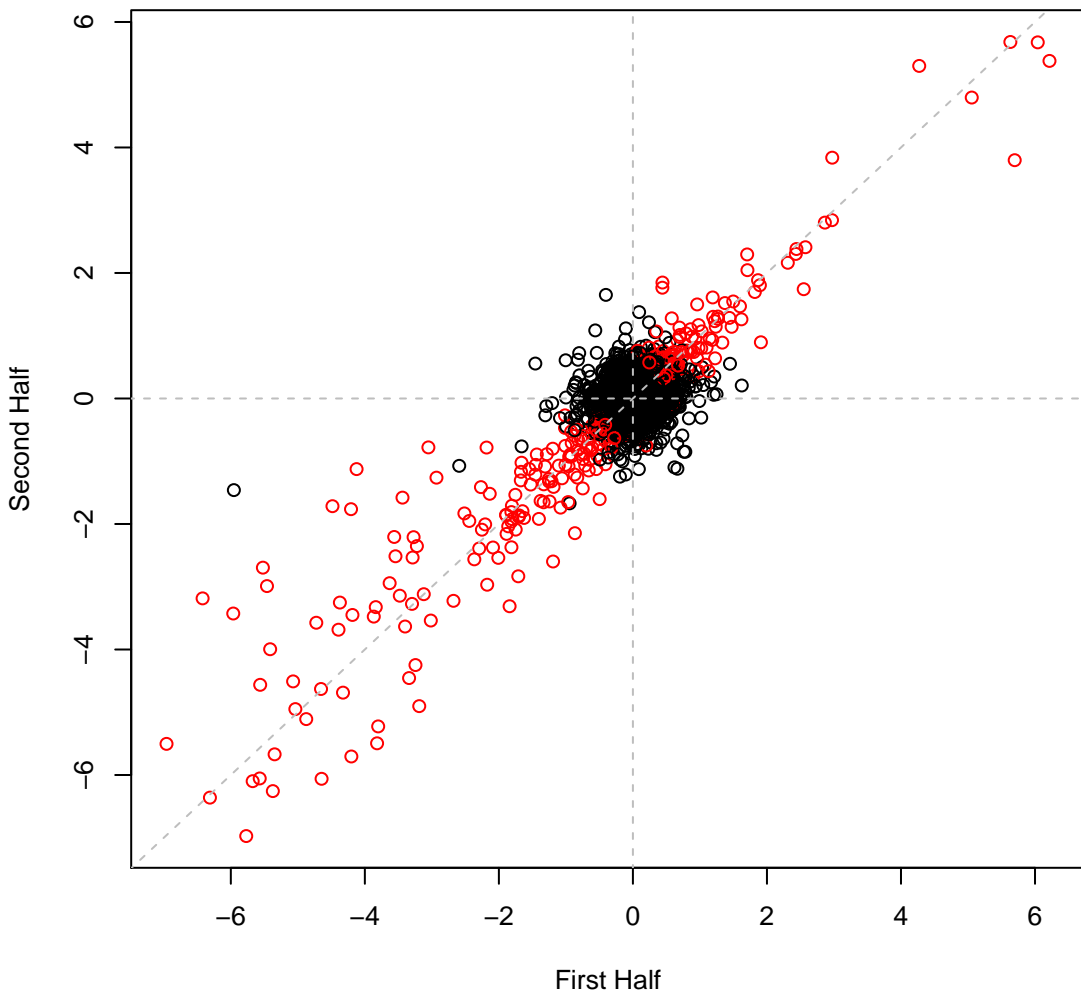
**pseudo6\_N2E2 set1IT020 #20 (gMed=270 rho12=0.244)**  
**Tween 20 (C)**



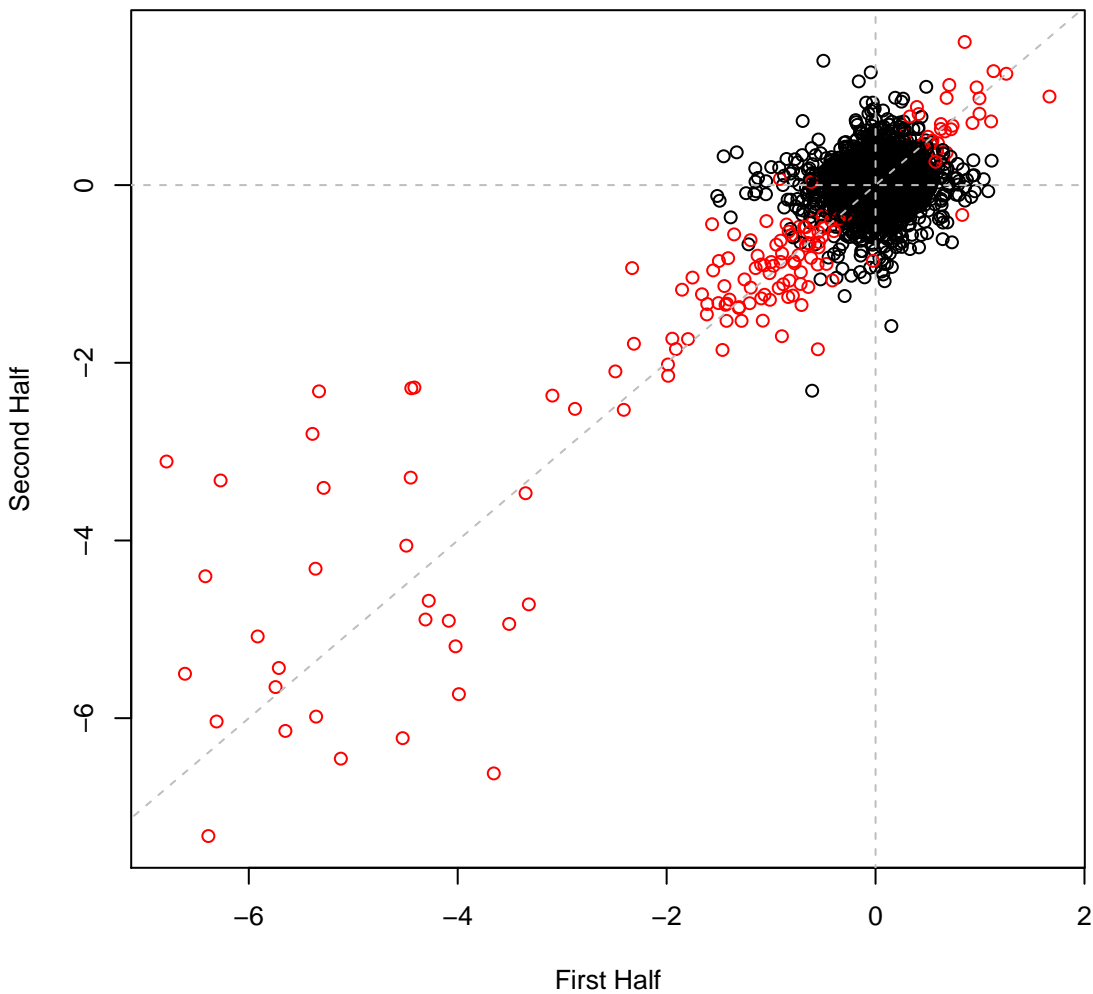
**pseudo6\_N2E2 set1IT021 #21 (gMed=255 rho12=0.190)**  
**L-Malic (C)**



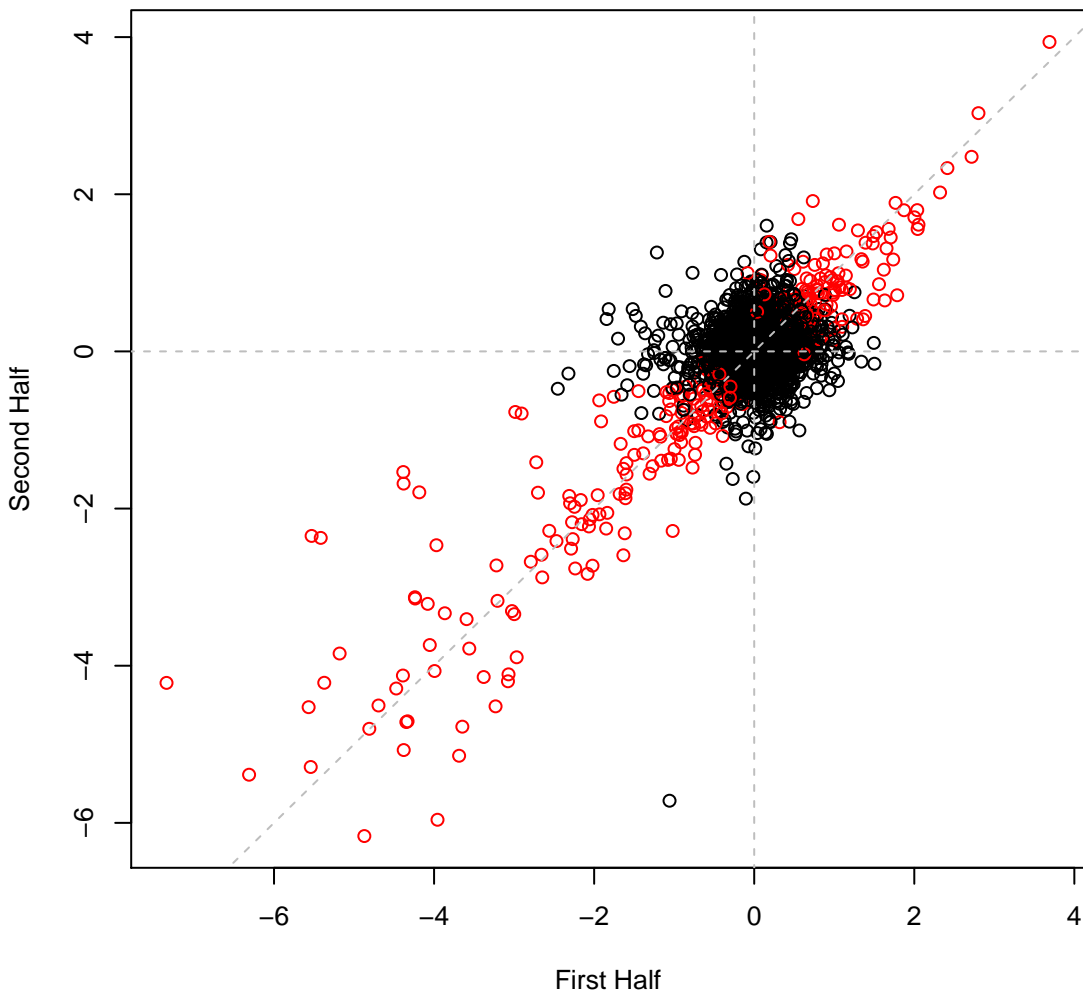
**pseudo6\_N2E2 set1IT022 #22 (gMed=260 rho12=0.336)**  
**L-Histidine (C)**



**pseudo6\_N2E2 set1IT023 #23 (gMed=224 rho12=0.206)**  
**L-Glutamine (C)**

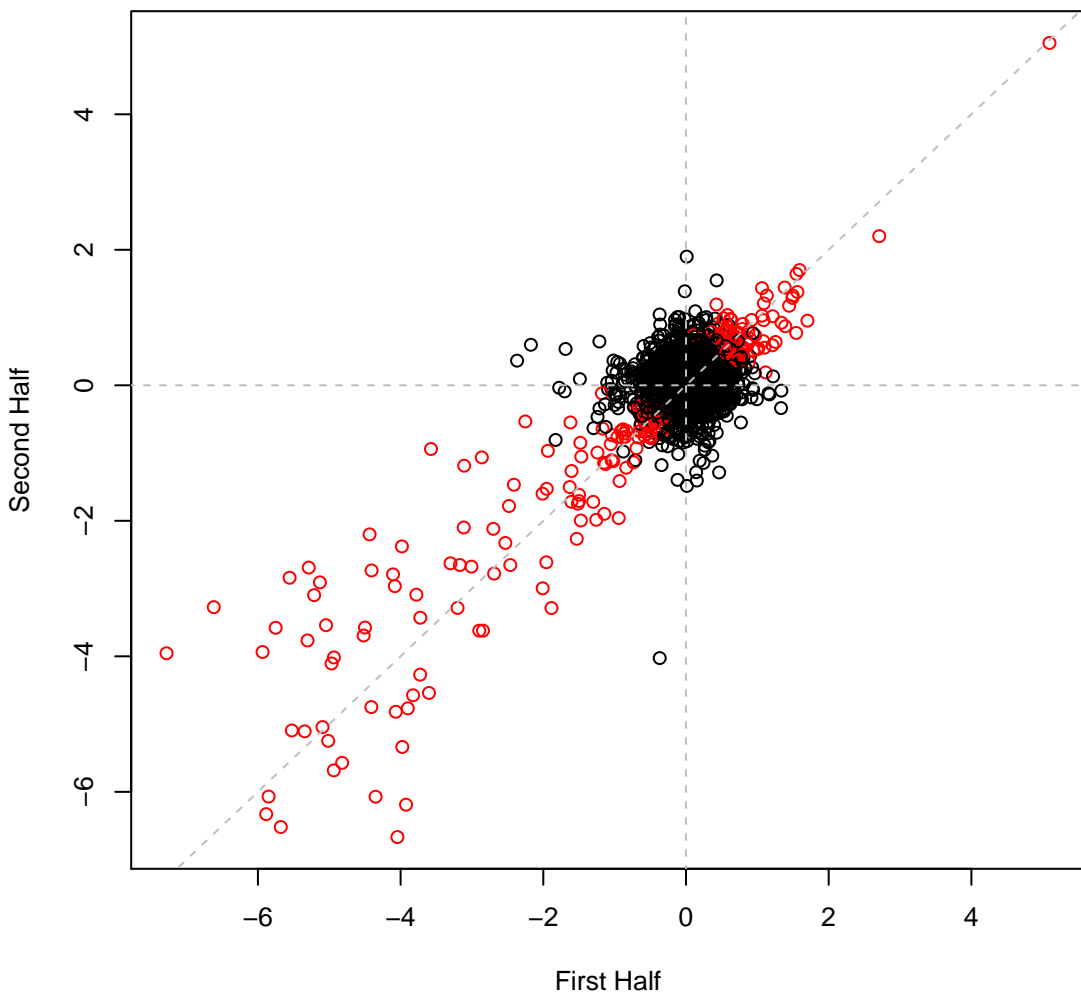


**pseudo6\_N2E2 set1IT025 #25 (gMed=277 rho12=0.317)**  
**L-Alanine (C)**

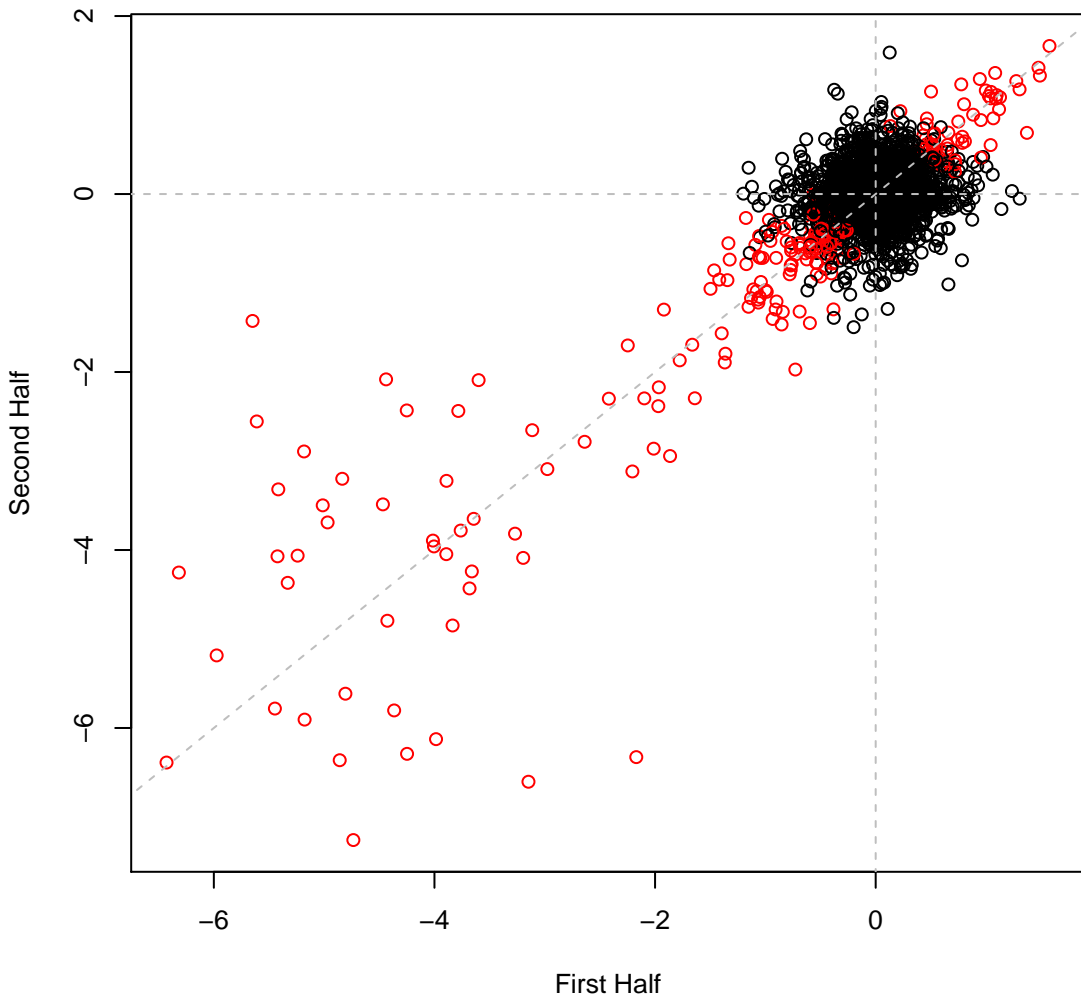




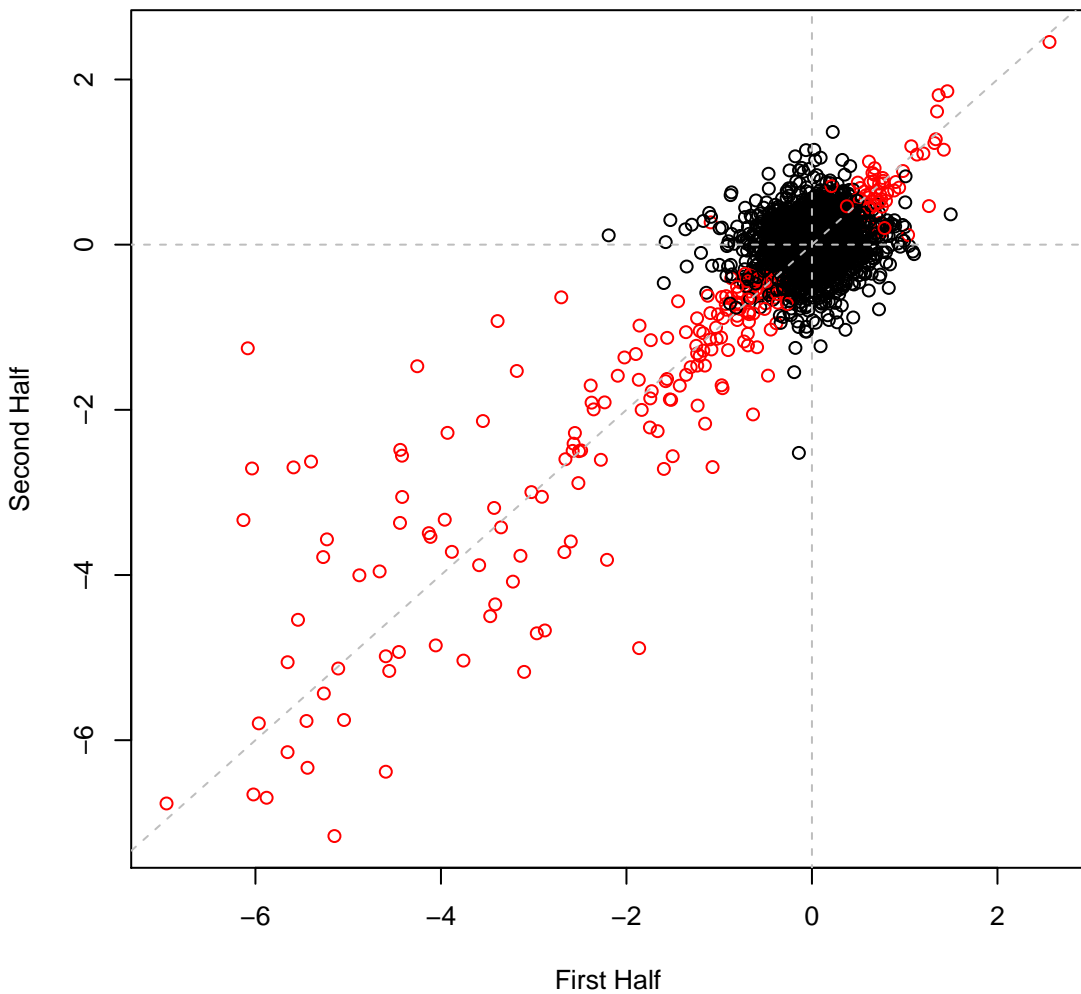
**pseudo6\_N2E2 set1IT026 #26 (gMed=273 rho12=0.275)**  
**L-Isoleucine (C)**



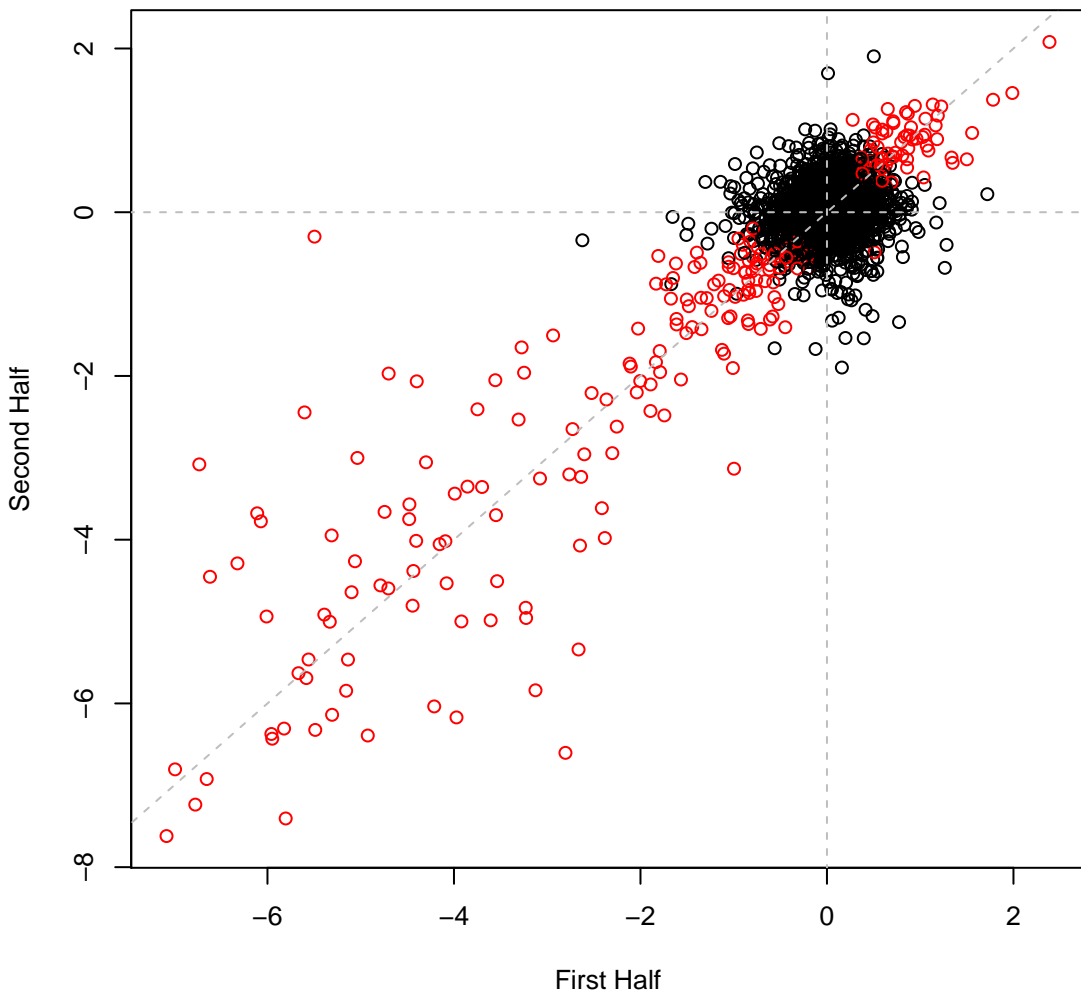
**pseudo6\_N2E2 set1IT027 #27 (gMed=274 rho12=0.252)**  
**L-Phenylalanine (C)**



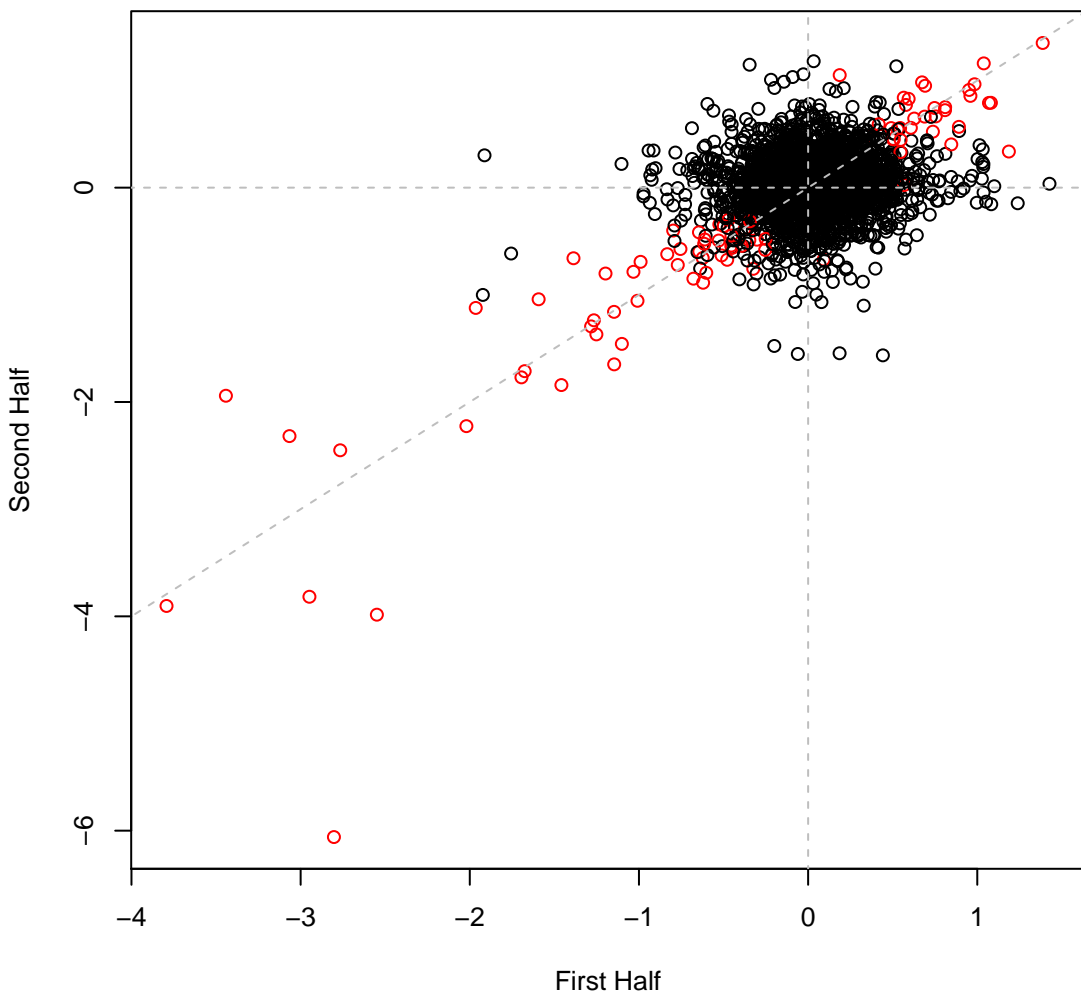
**pseudo6\_N2E2 set1IT028 #28 (gMed=269 rho12=0.268)**  
**D-Alanine (C)**



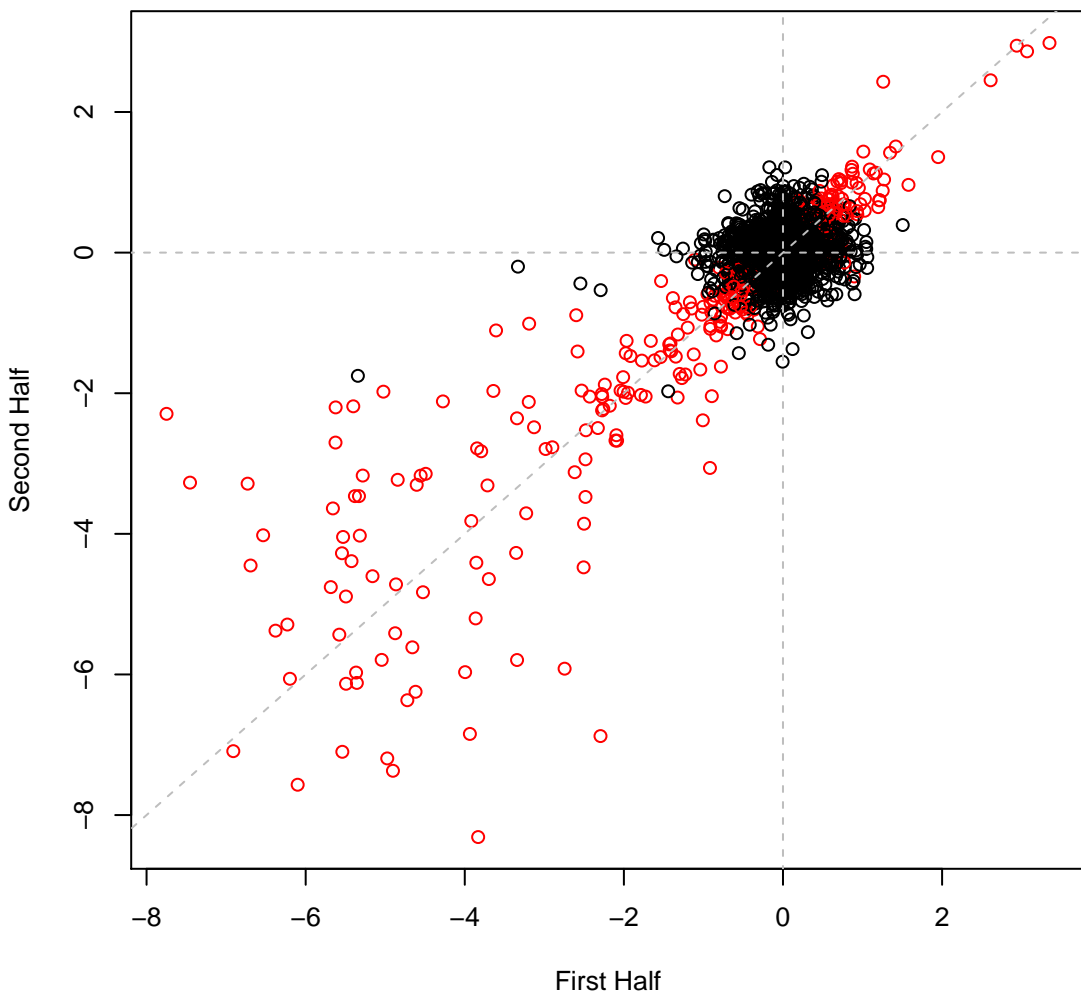
**pseudo6\_N2E2 set1IT029 #29 (gMed=287 rho12=0.283)**  
**Carnitine Hydrochloride (C)**



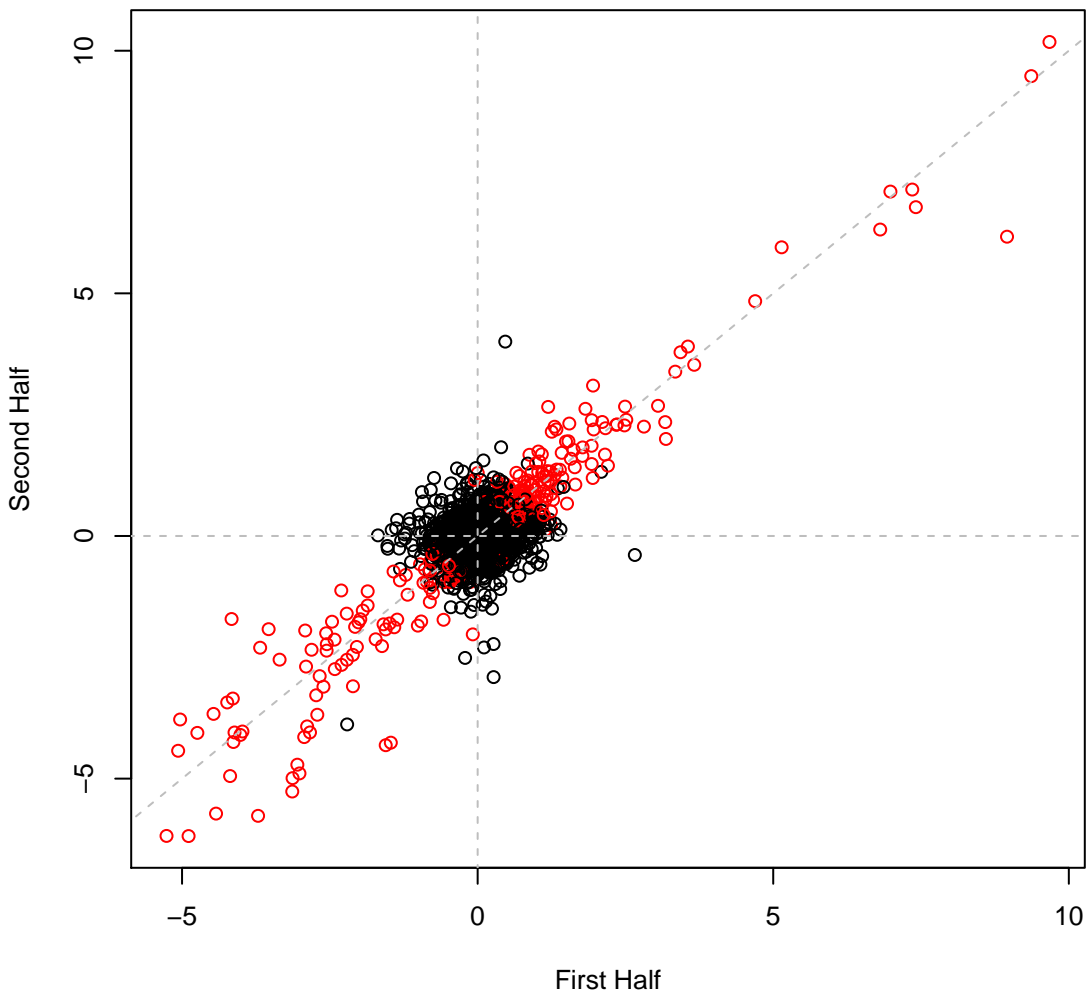
**pseudo6\_N2E2 set1IT030 #30 (gMed=269 rho12=0.151)**  
**CAS aminos (C)**



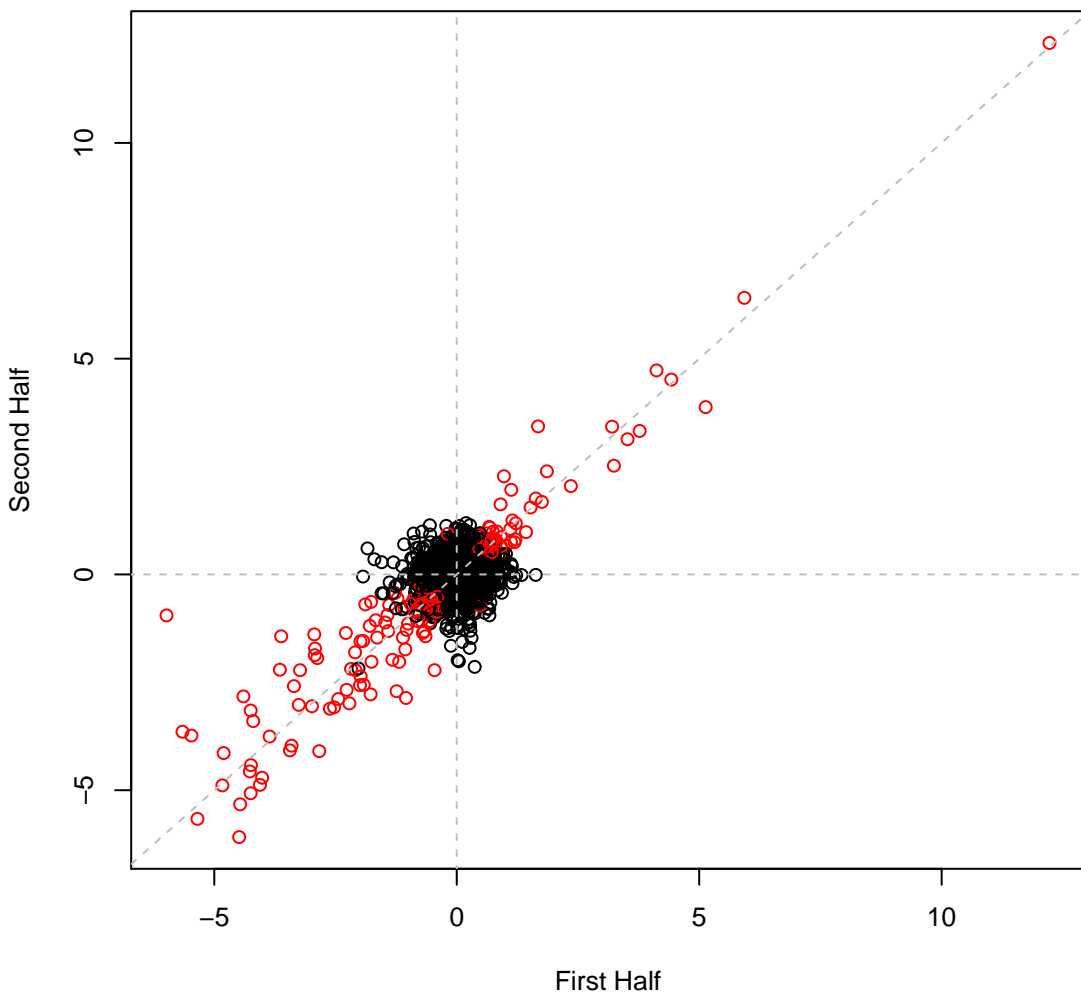
**pseudo6\_N2E2 set1IT031 #31 (gMed=287 rho12=0.313)**  
**Putrescine (C)**



**pseudo6\_N2E2 set1IT032 #32 (gMed=177 rho12=0.334)**  
**D-Glucosamine Hydrochloride (C)**

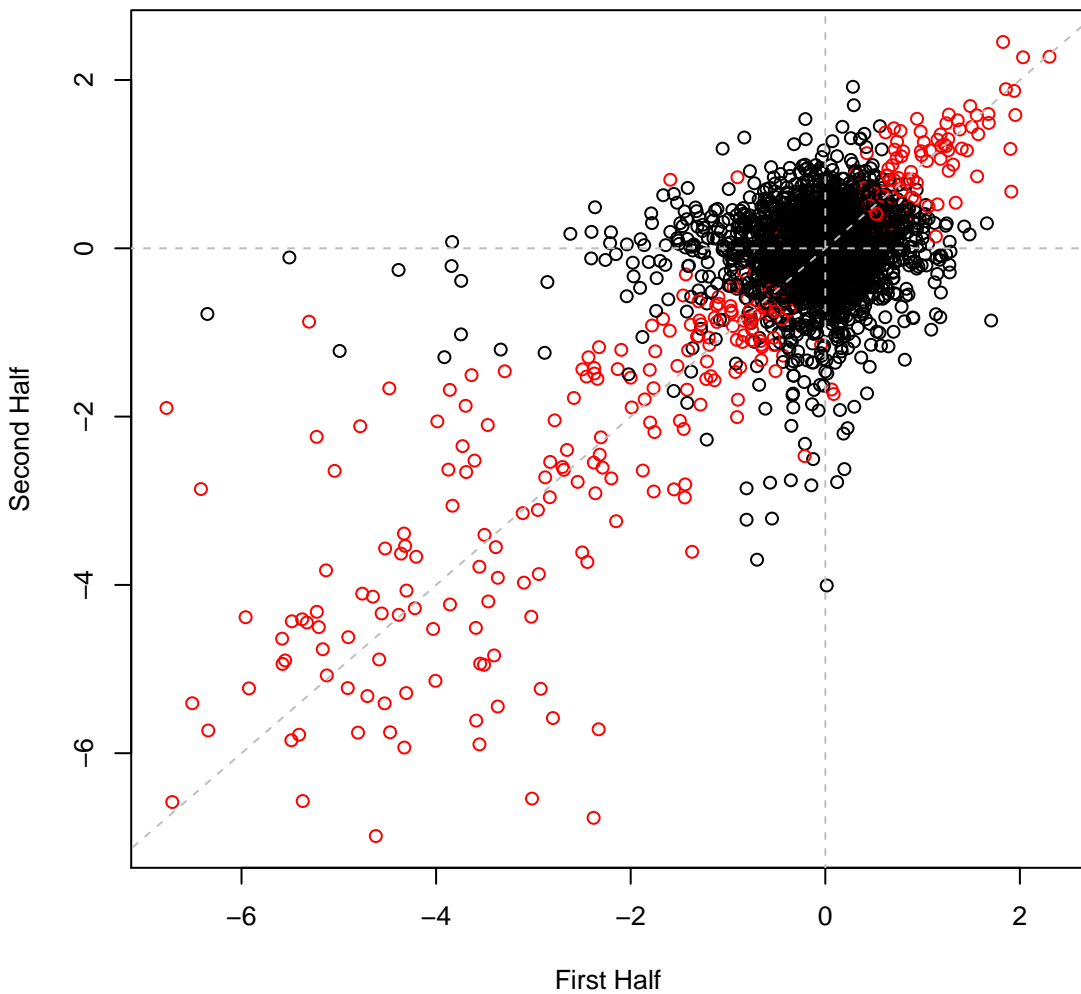


**pseudo6\_N2E2 set1IT033 #33 (gMed=142 rho12=0.206)**  
**D-Mannose (C)**

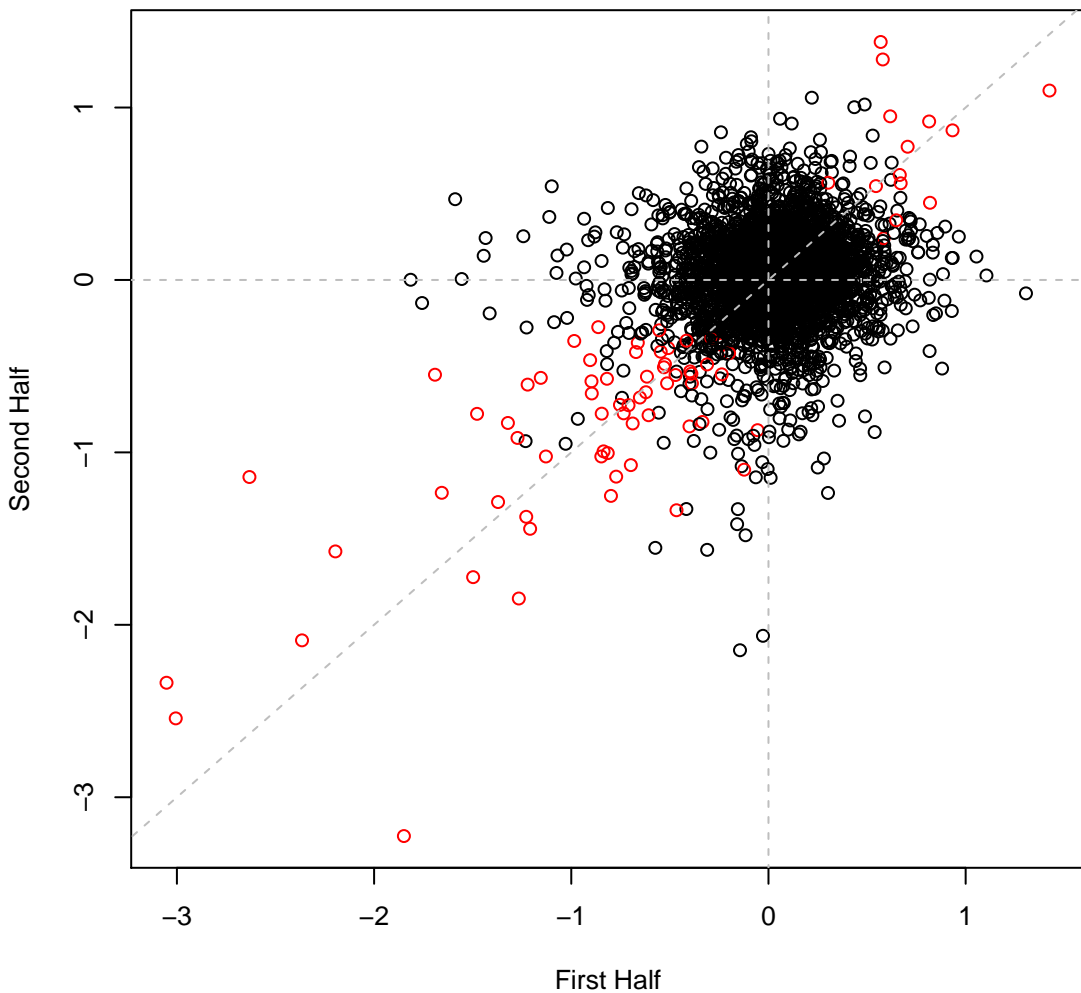




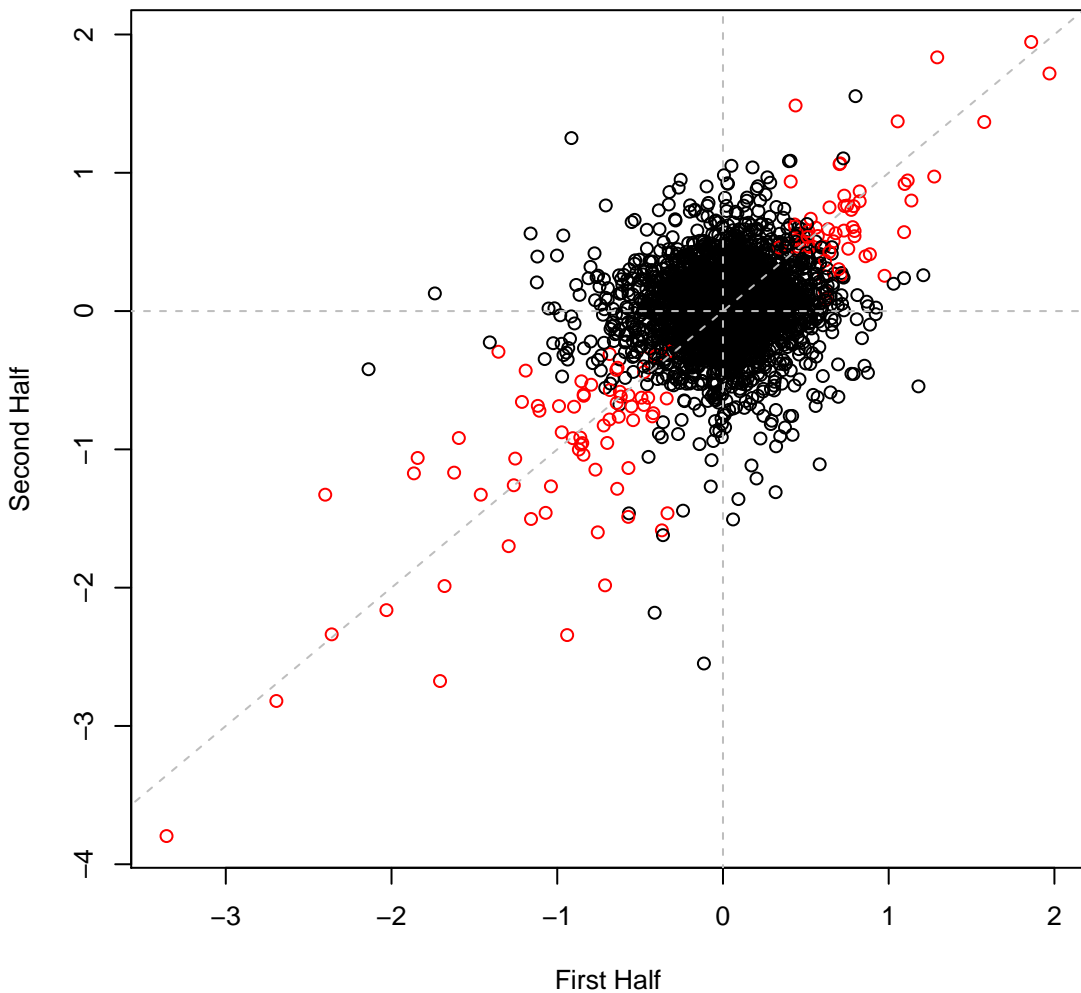
**pseudo6\_N2E2 set1IT034 #34 (gMed=258 rho12=0.304)**  
**octanoate (C)**



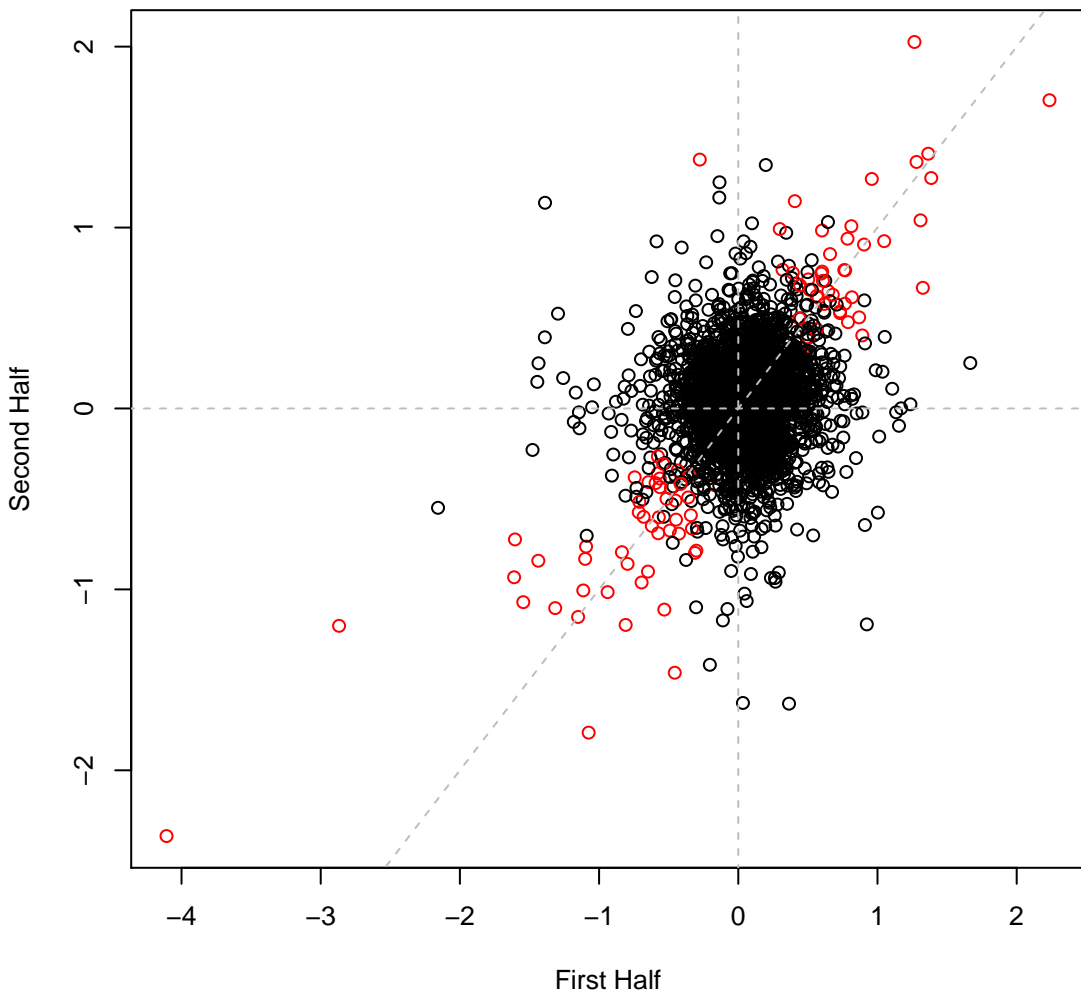
**pseudo6\_N2E2 set1IT035 #35 (gMed=277 rho12=0.137)**  
**Nickel (II) chloride 1 mM**



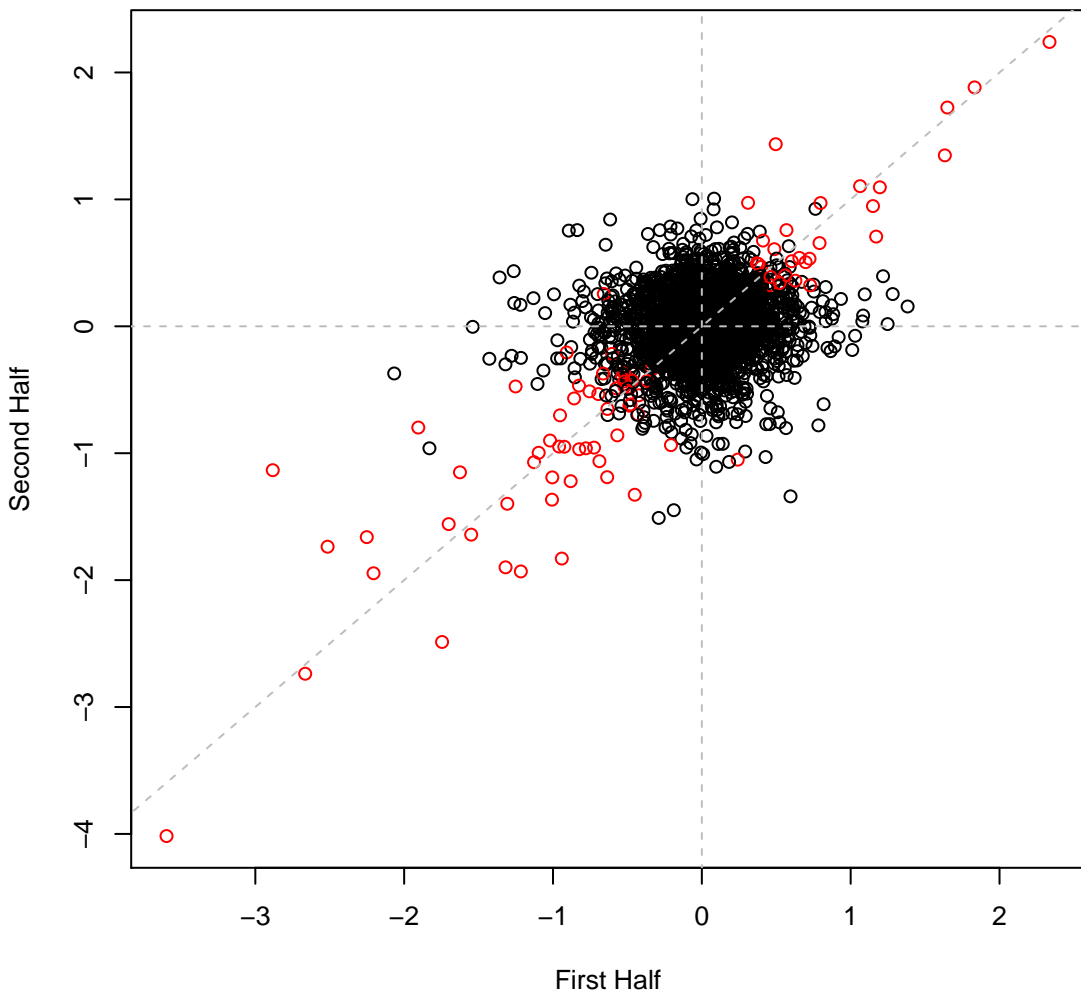
**pseudo6\_N2E2 set1IT036 #36 (gMed=251 rho12=0.197)**  
**Cobalt chloride 0.16 mM**



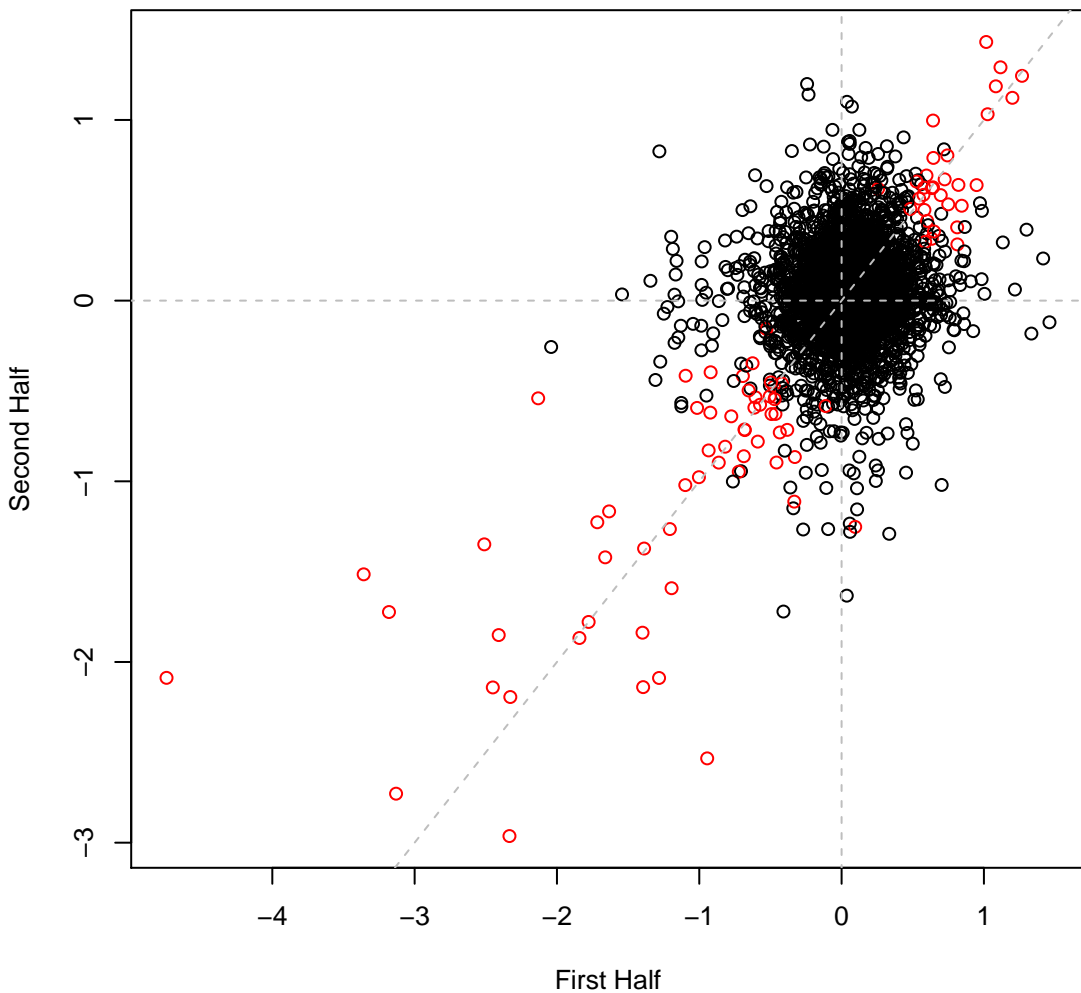
**pseudo6\_N2E2 set1IT037 #37 (gMed=277 rho12=0.166)**  
**sodium fluoride 12.5 mM**



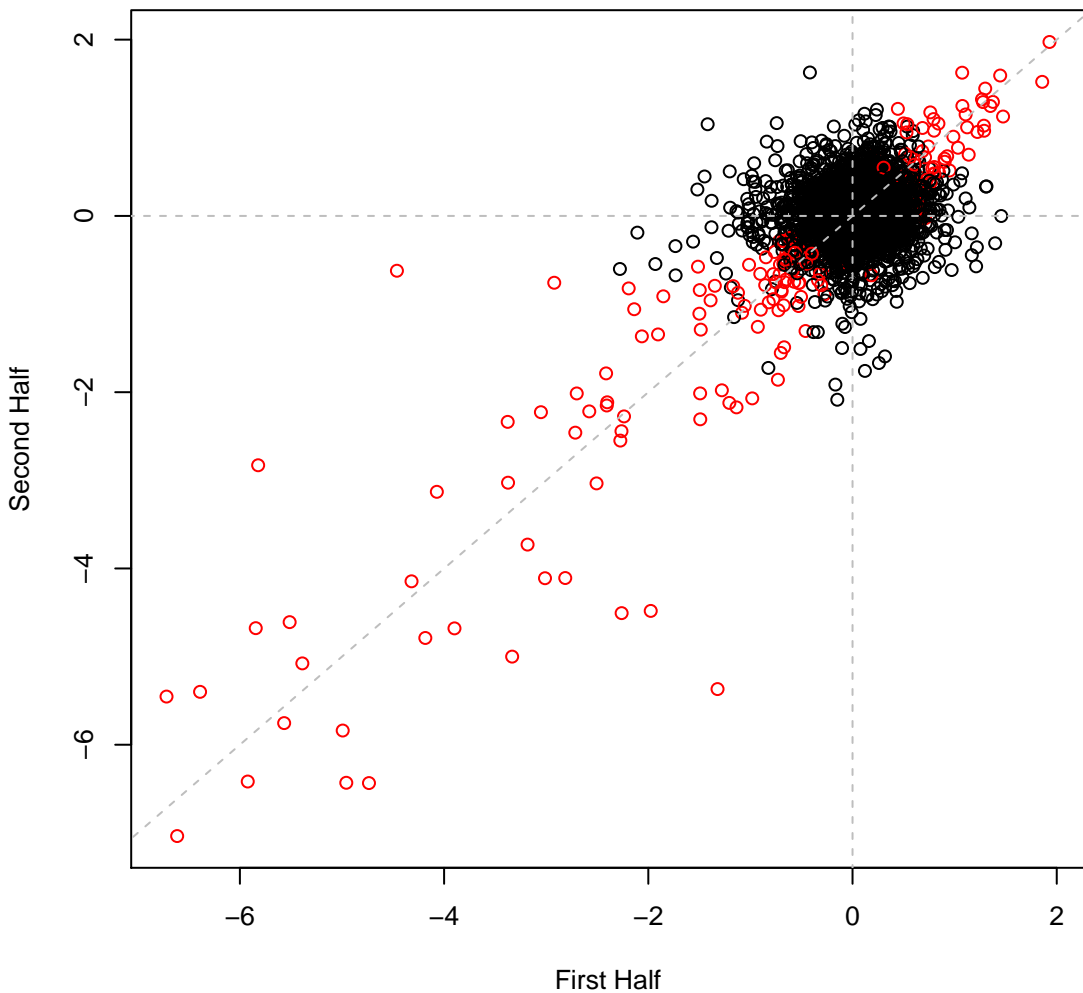
**pseudo6\_N2E2 set1IT038 #38 (gMed=276 rho12=0.159)**  
**Paraquat dichloride 0.03 mg/ml**



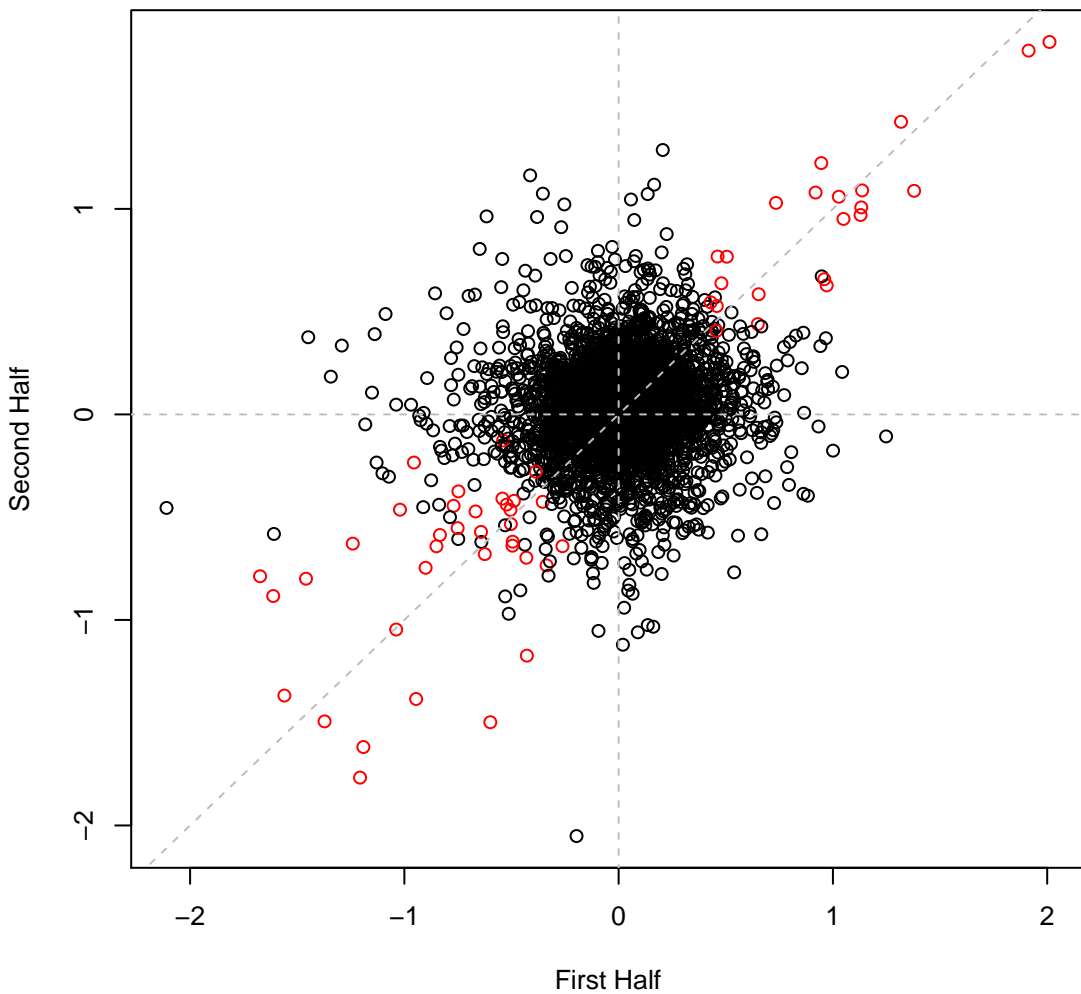
**pseudo6\_N2E2 set1IT039 #39 (gMed=280 rho12=0.138)**  
**Thallium(I) acetate 0.004 mg/ml**



**pseudo6\_N2E2 set1IT040 #40 (gMed=293 rho12=0.229)**  
**Cisplatin 0.008 mg/ml**

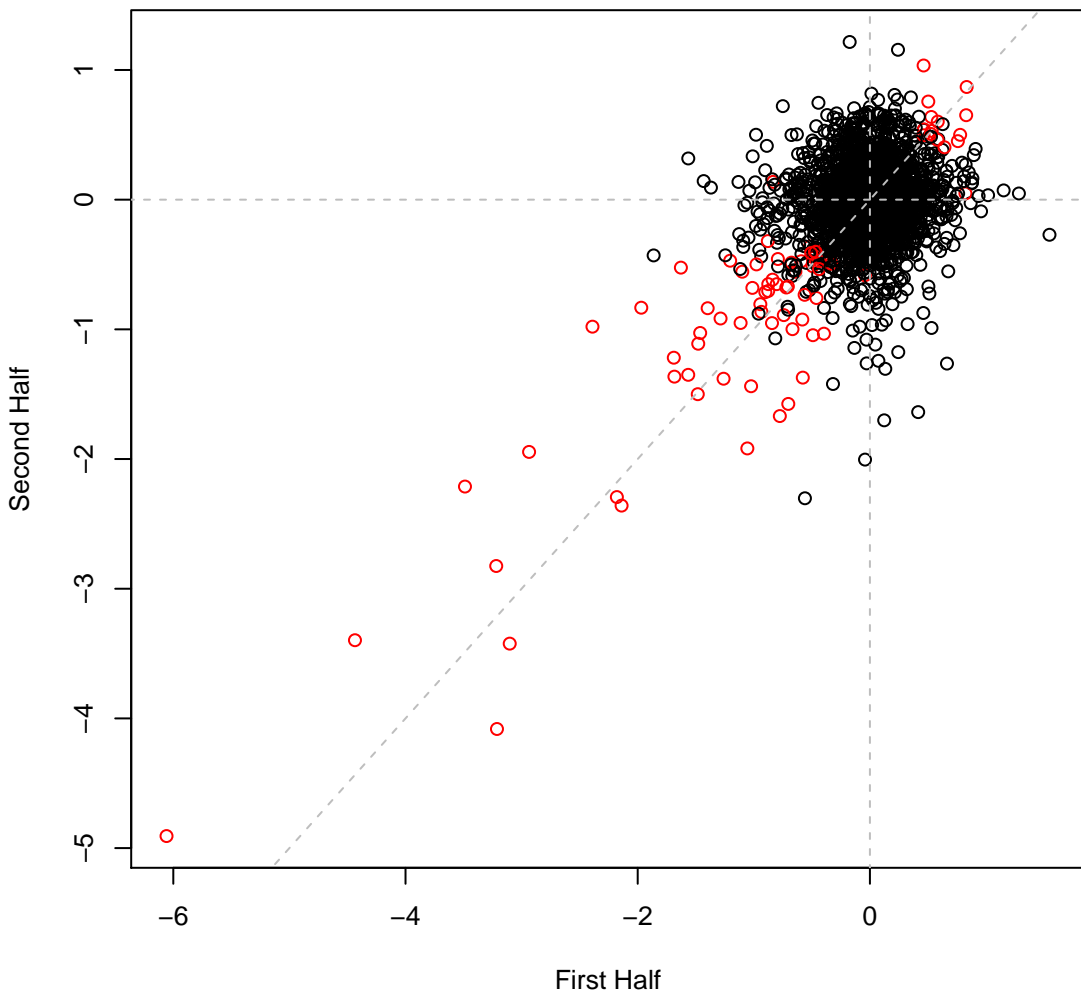


**pseudo6\_N2E2 set1IT041 #41 (gMed=296 rho12=0.124)**  
**LB**

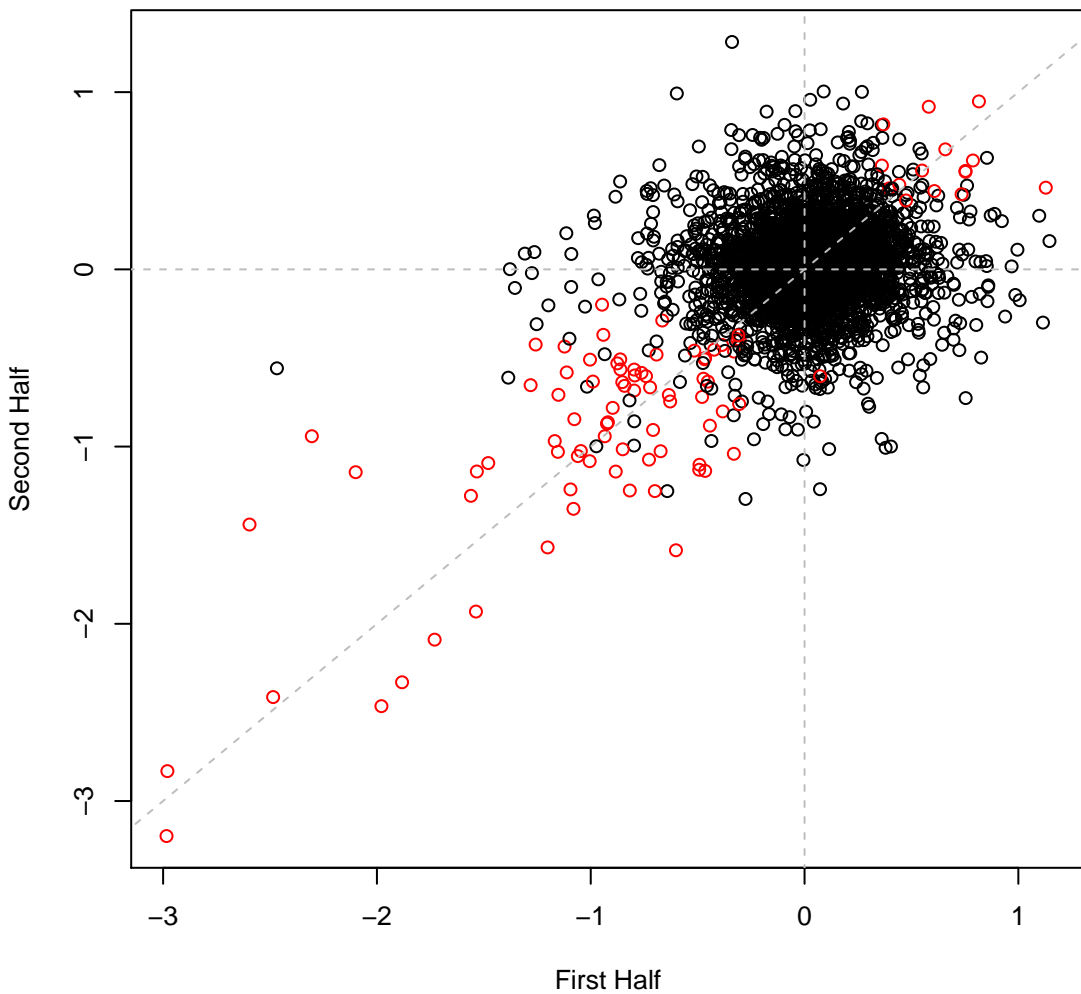




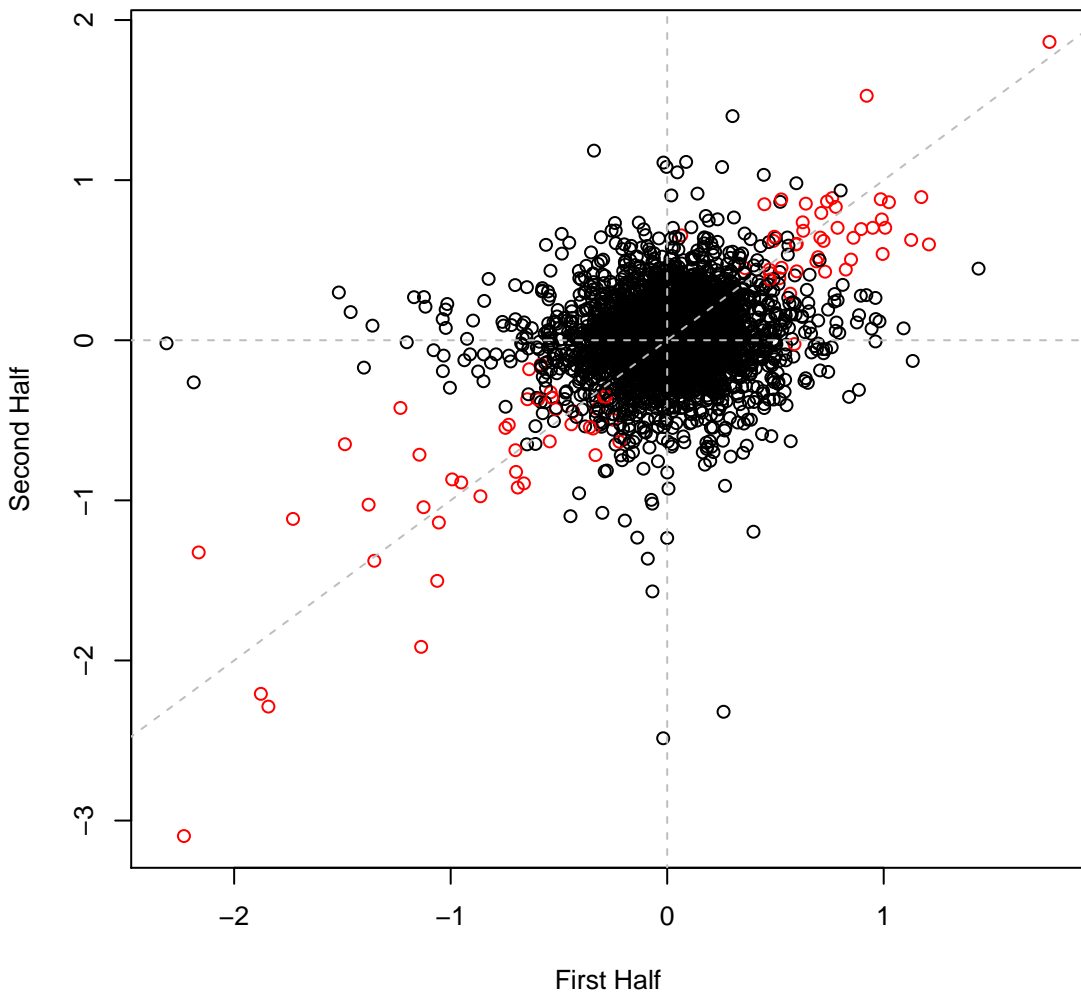
**pseudo6\_N2E2 set1IT042 #42 (gMed=263 rho12=0.142)**  
**nitrite 10 mM**



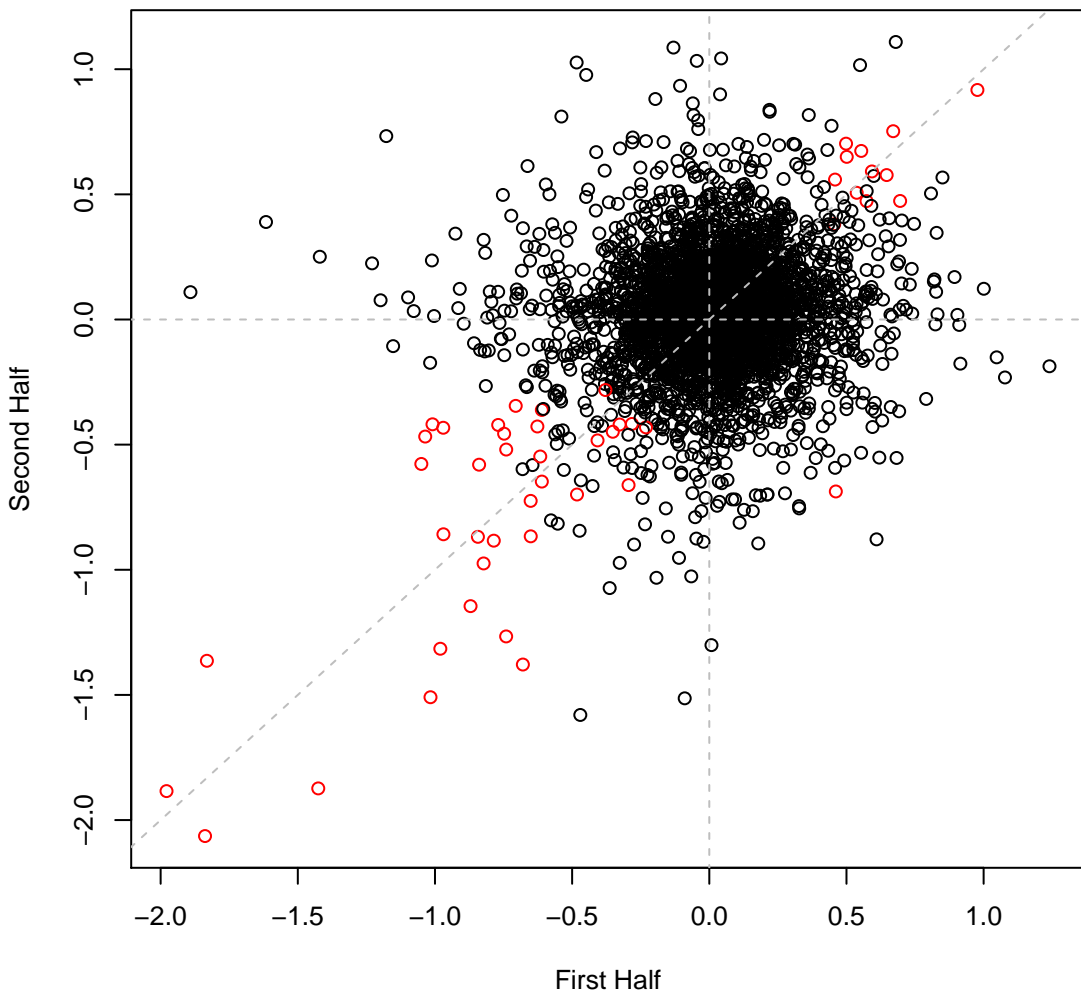
**pseudo6\_N2E2 set1IT043 #43 (gMed=282 rho12=0.146)**  
**nitrate 200 mM**



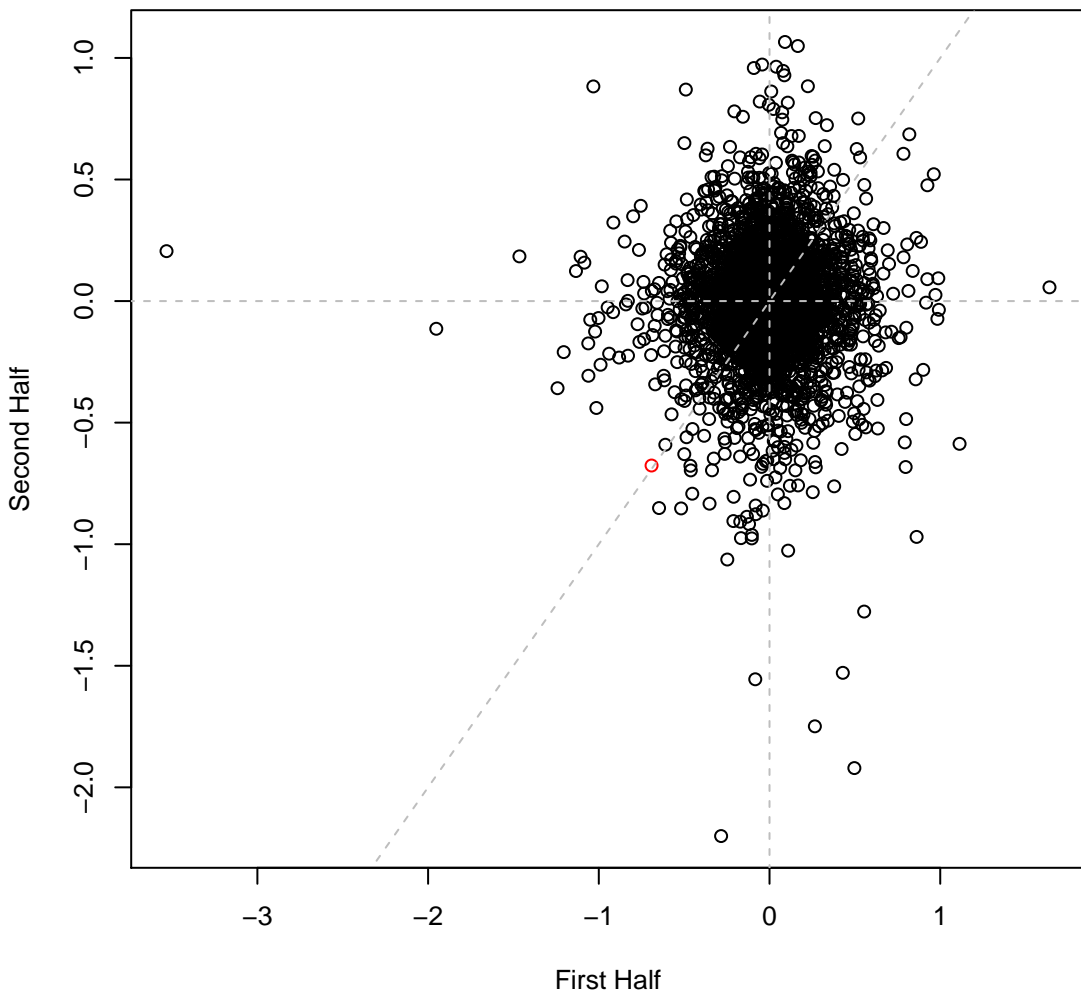
**pseudo6\_N2E2 set1IT044 #44 (gMed=302 rho12=0.152)**  
**Chlorite 0.08 mM**



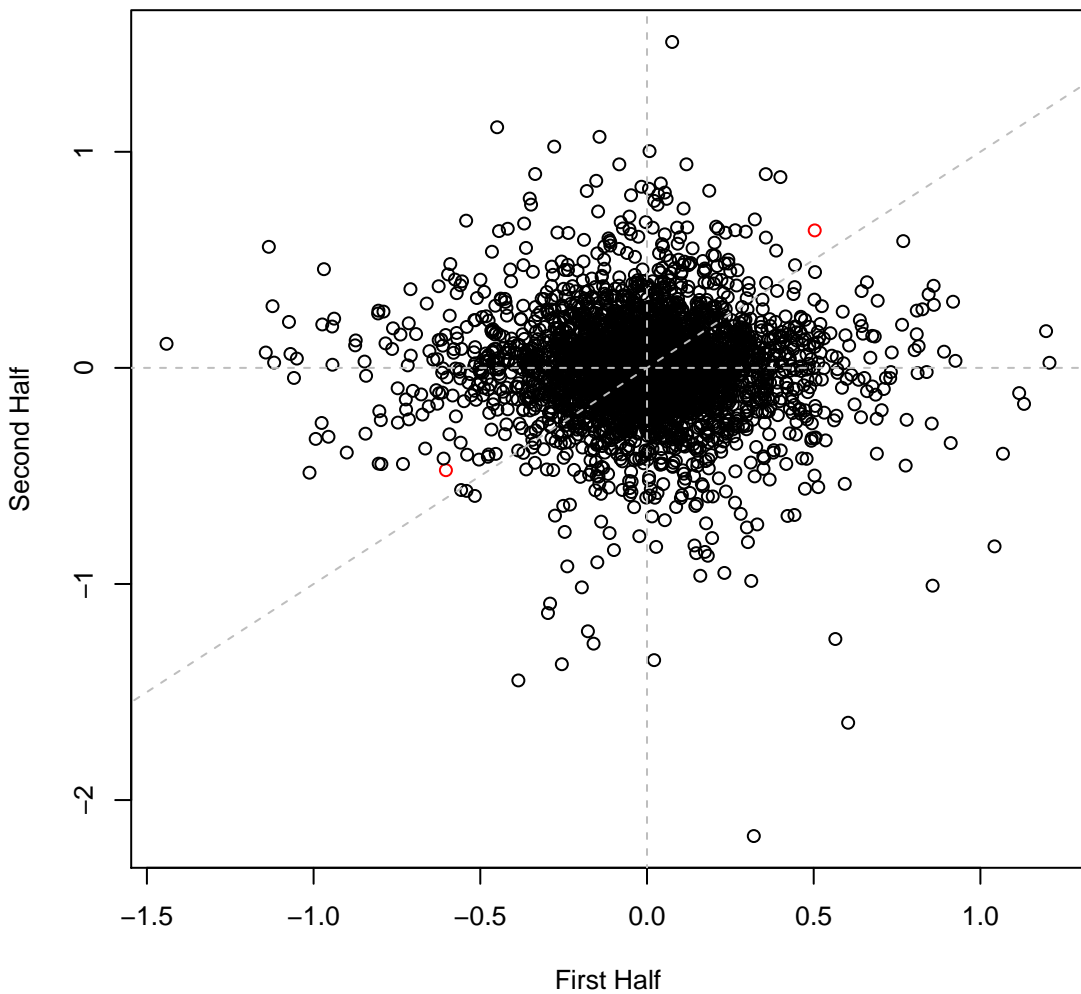
**pseudo6\_N2E2 set1IT045 #45 (gMed=298 rho12=0.117)**  
**perchlorate 50 mM**



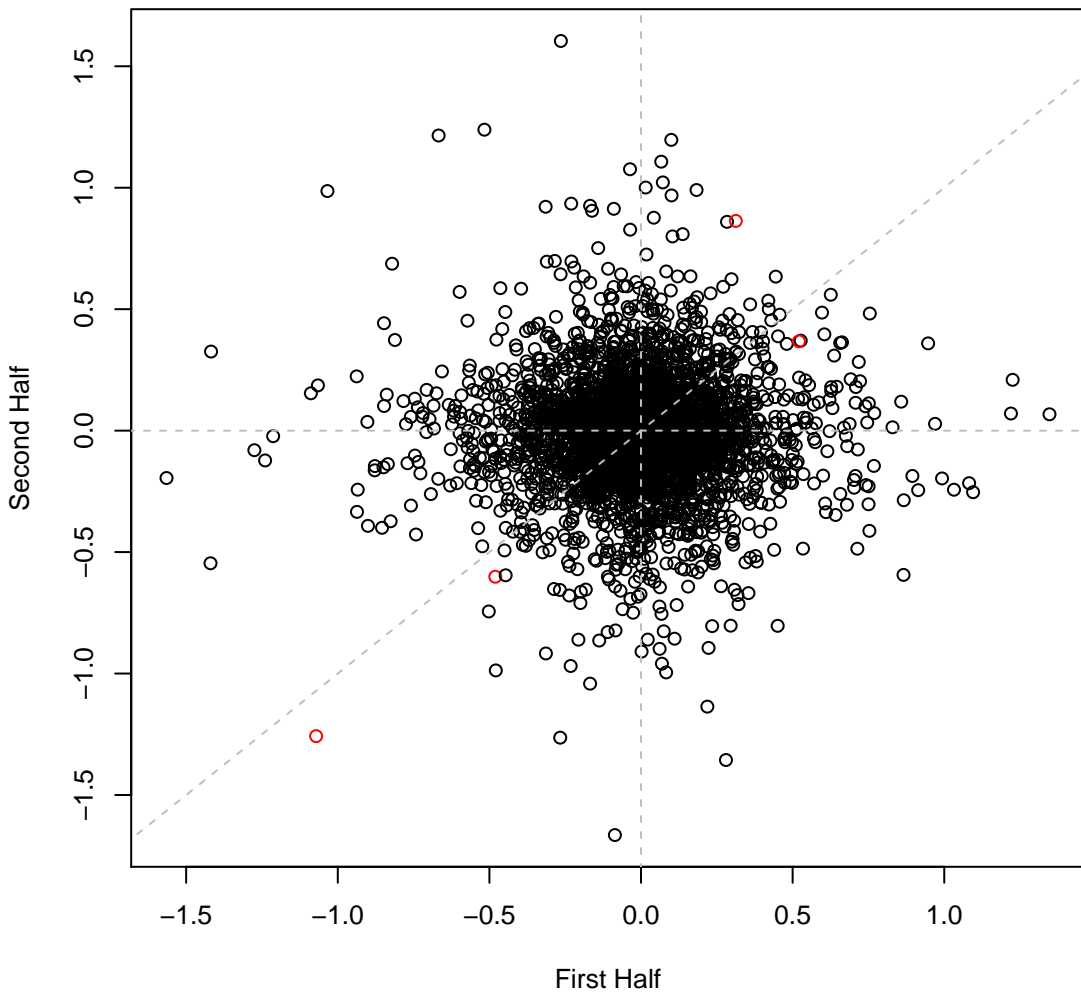
**pseudo6\_N2E2 set1IT046 #46 (gMed=223 rho12=0.015)**  
**Time0**



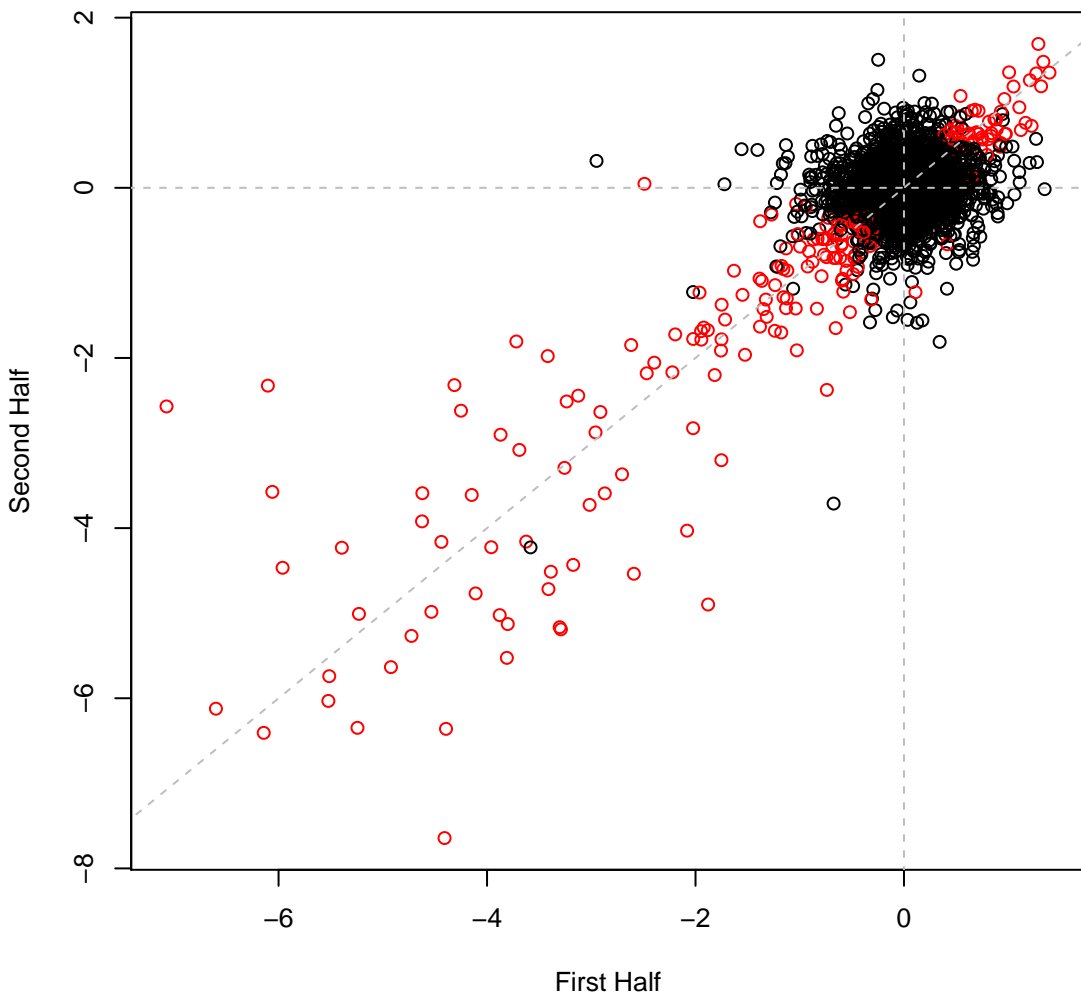
**pseudo6\_N2E2 set1IT047 #47 (gMed=218 rho12=-0.013)**  
**Time0**



**pseudo6\_N2E2 set1IT048 #48 (gMed=200 rho12=0.003)**  
**Time0**

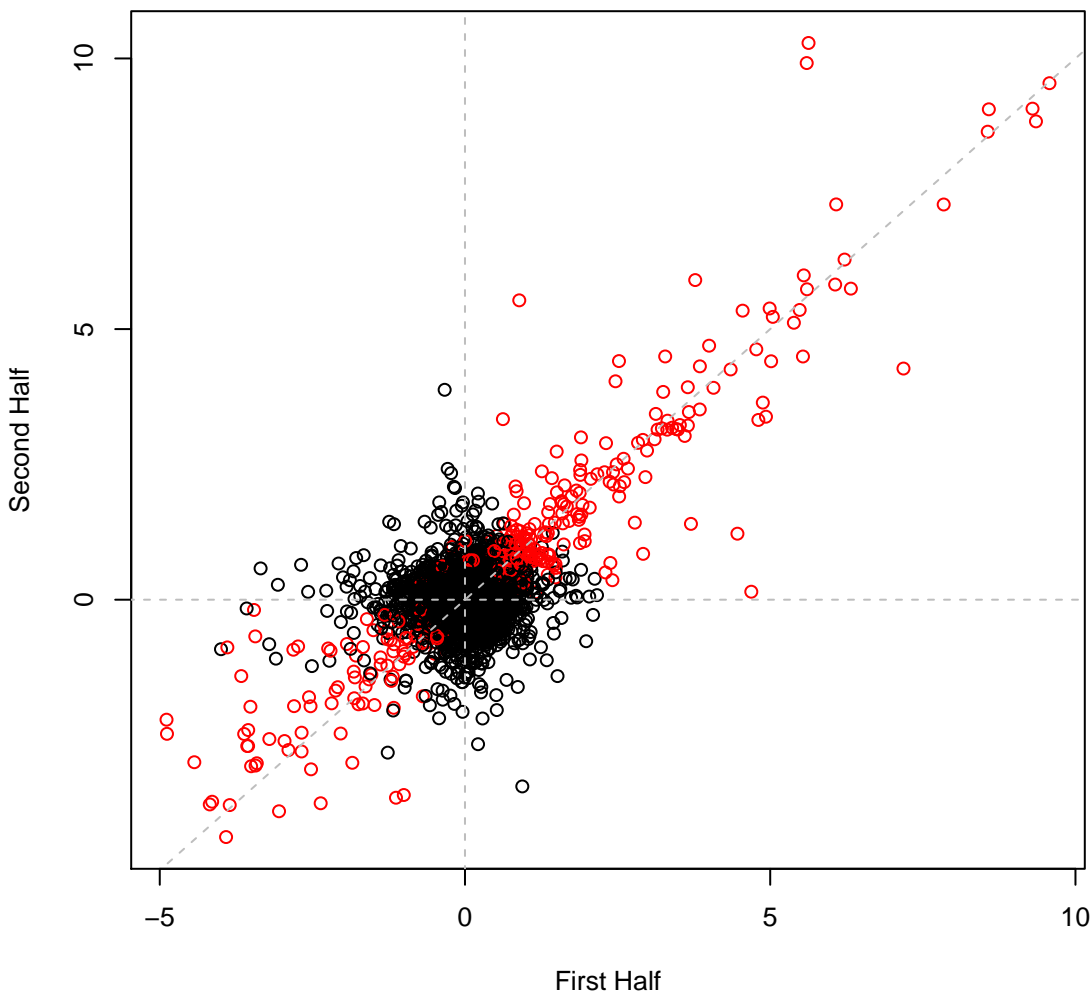


**pseudo6\_N2E2 set2IT001 #49 (gMed=178 rho12=0.240)**  
**D-Glucose (C)**

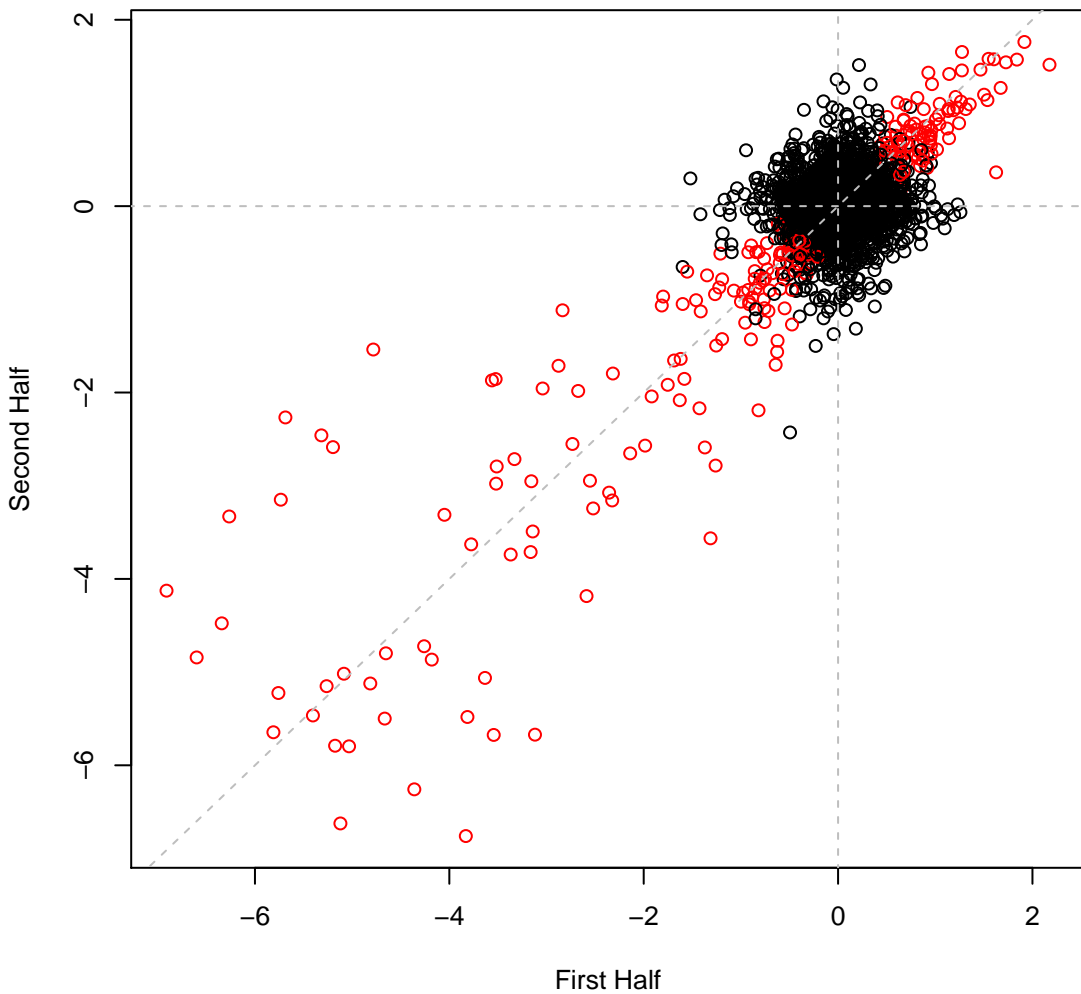




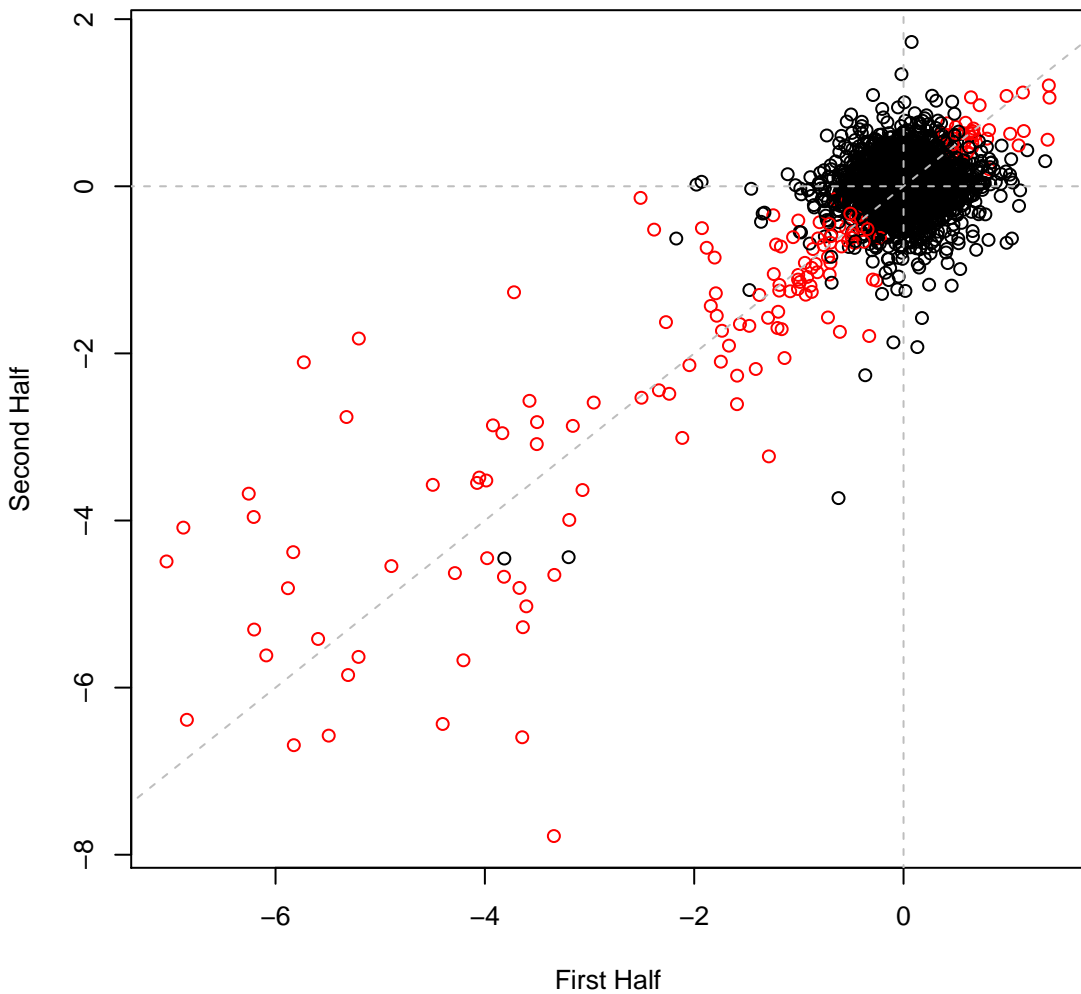
**pseudo6\_N2E2 set2IT002 #50 (gMed=67 rho12=0.275)**  
**D-Fructose (C)**



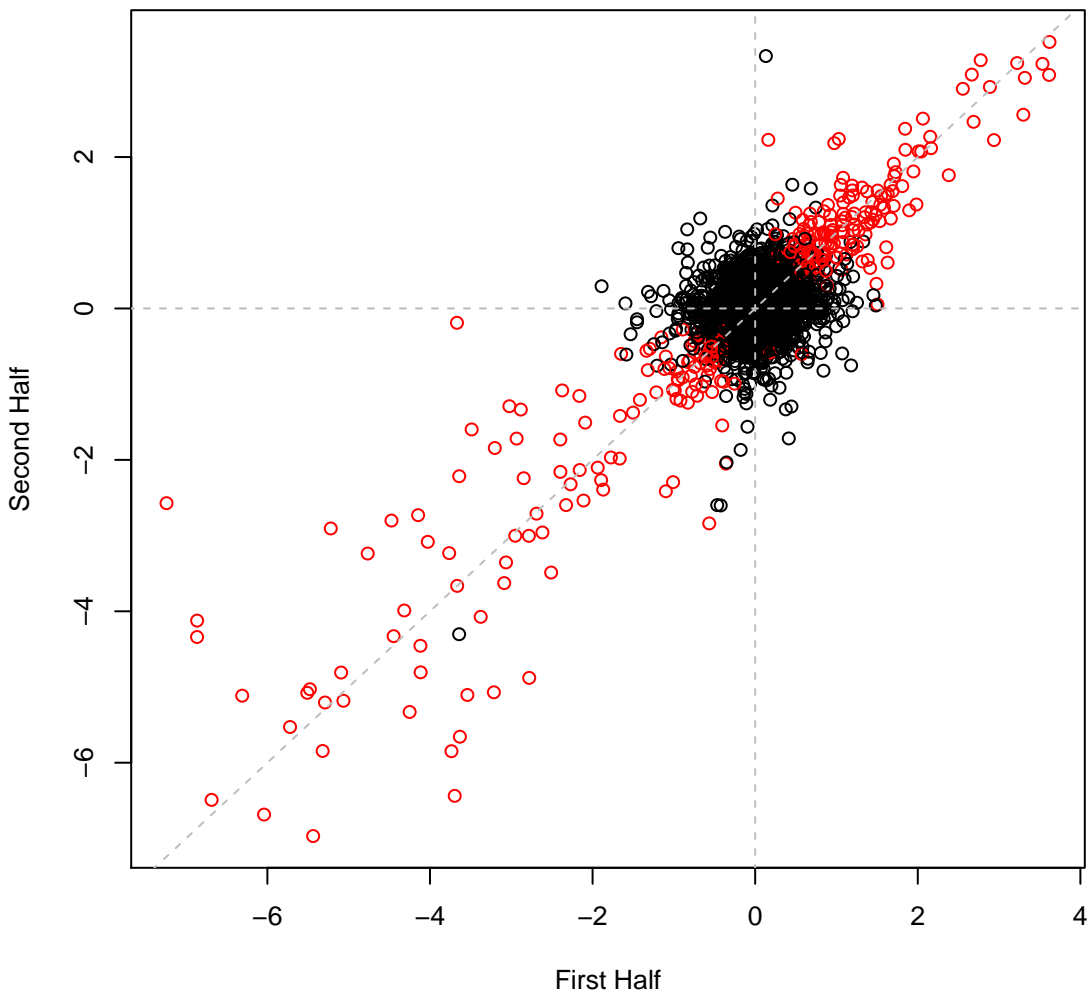
**pseudo6\_N2E2 set2IT003 #51 (gMed=228 rho12=0.261)**  
**Sucrose (C)**



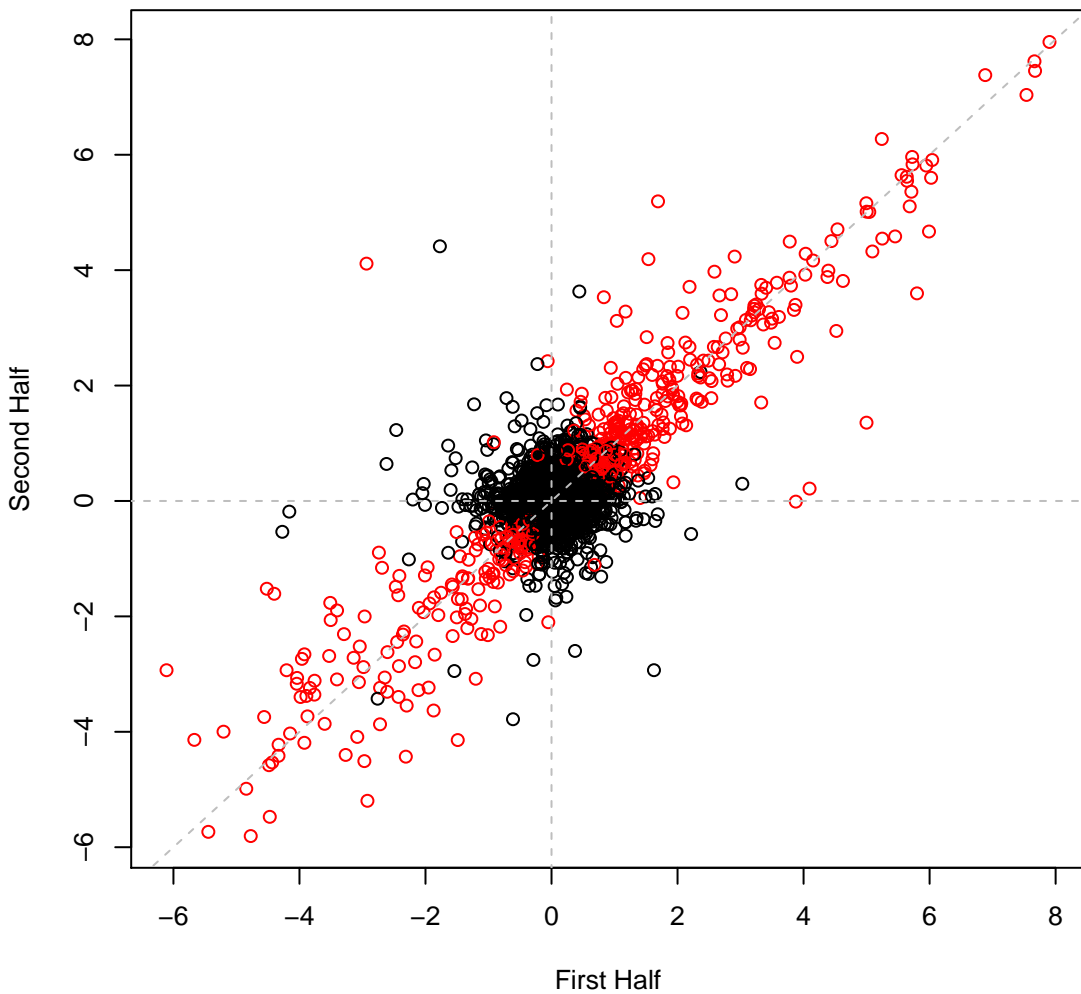
**pseudo6\_N2E2 set2IT004 #52 (gMed=214 rho12=0.190)**  
**L-Arabinose (C)**



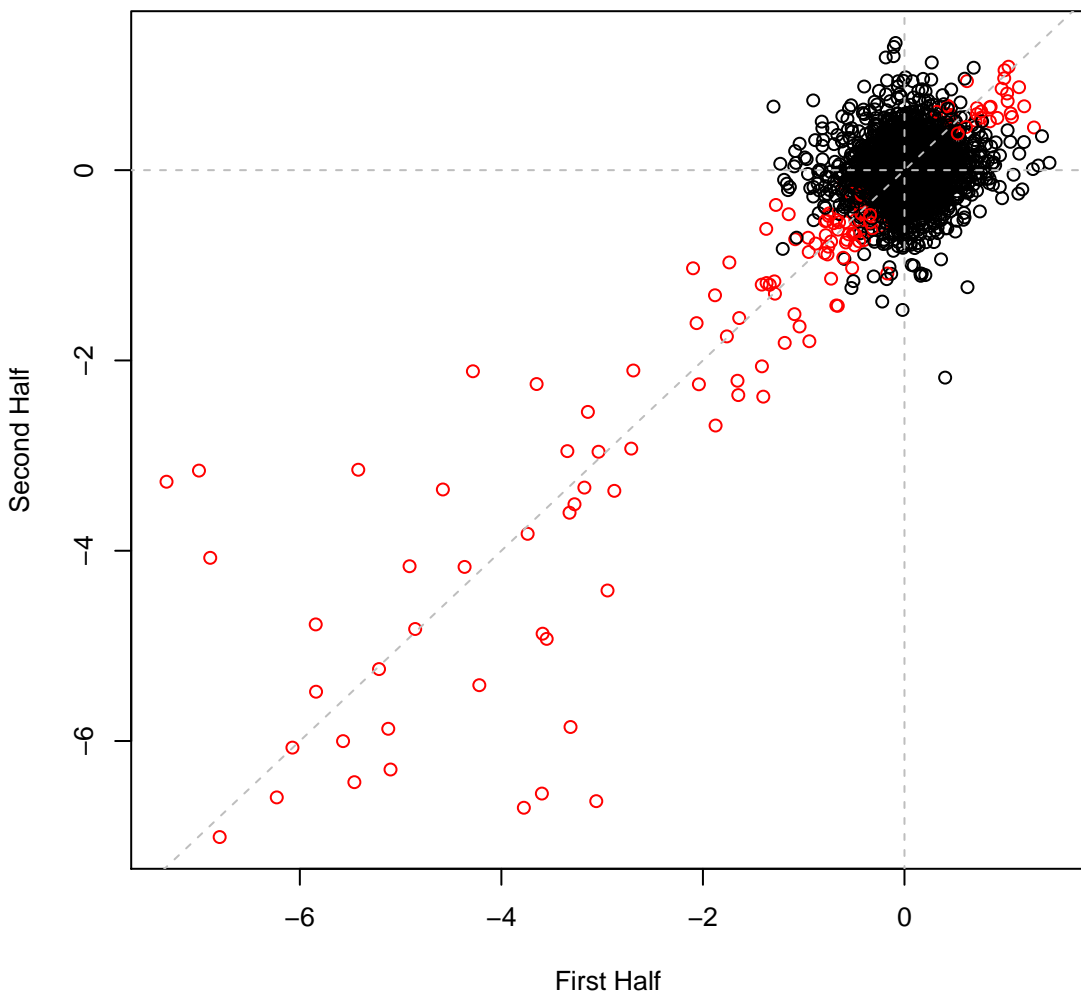
**pseudo6\_N2E2 set2IT005 #53 (gMed=215 rho12=0.331)**  
**D-Xylose (C)**



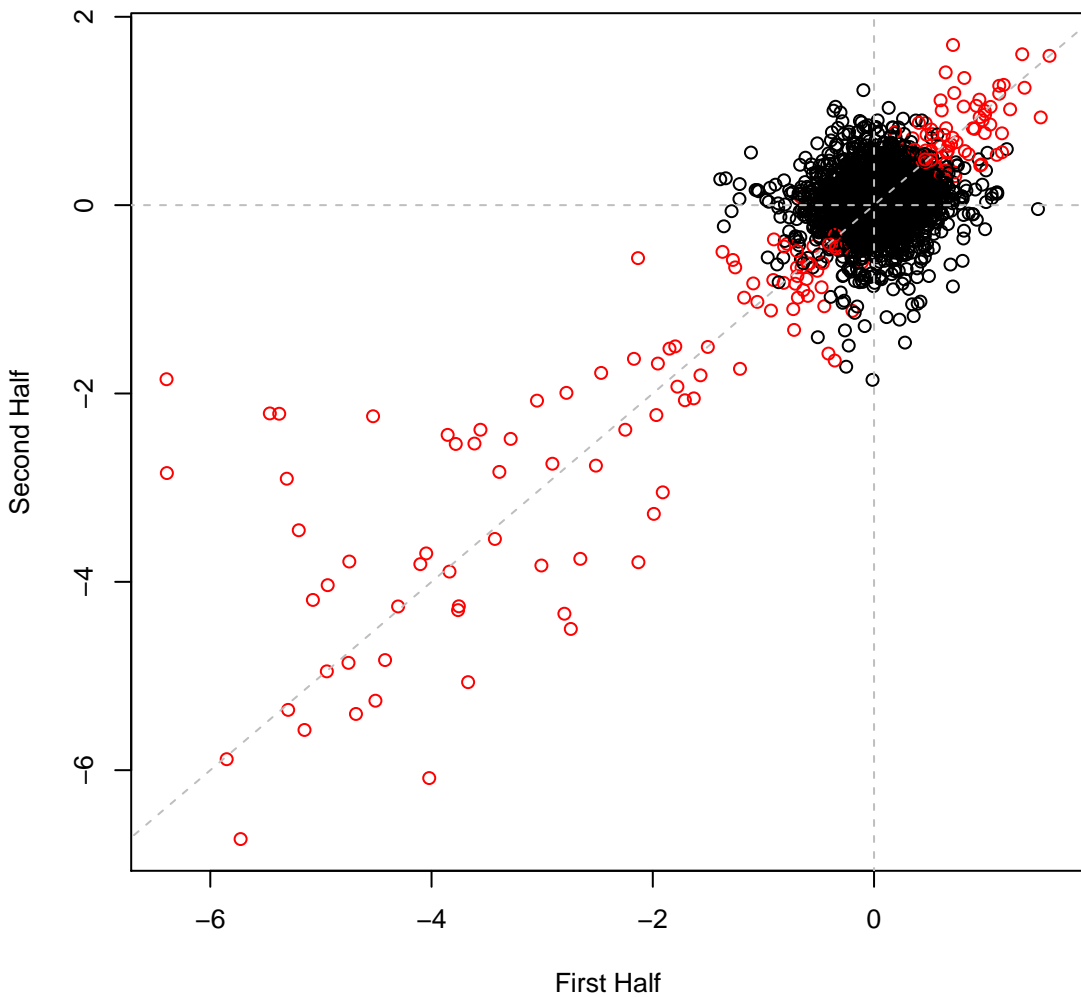
**pseudo6\_N2E2 set2IT006 #54 (gMed=164 rho12=0.404)**  
**D-Galactose (C)**



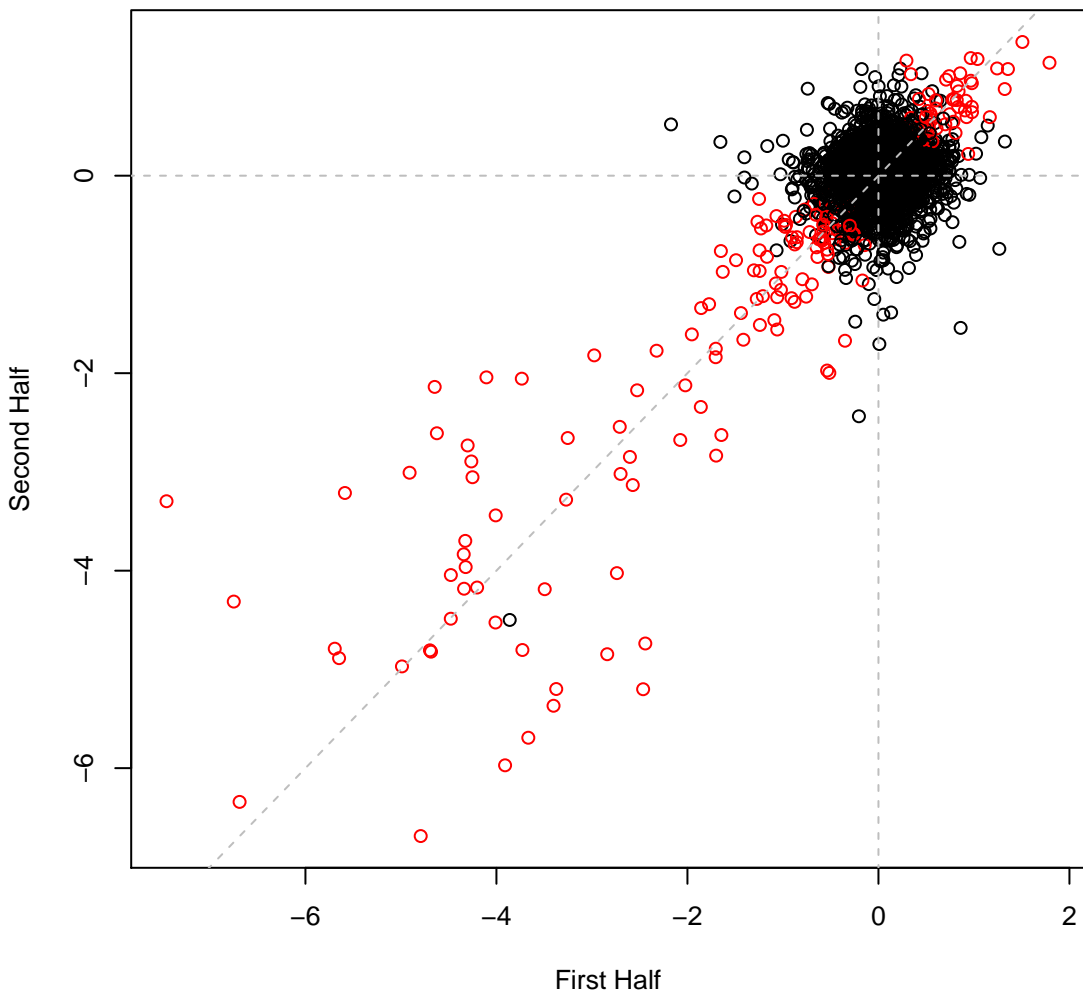
**pseudo6\_N2E2 set2IT007 #55 (gMed=232 rho12=0.206)**  
 **$\alpha$ -Ketoglutaric (C)**



**pseudo6\_N2E2 set2IT008 #56 (gMed=243 rho12=0.206)**  
**D-Gluconic Acid (C)**

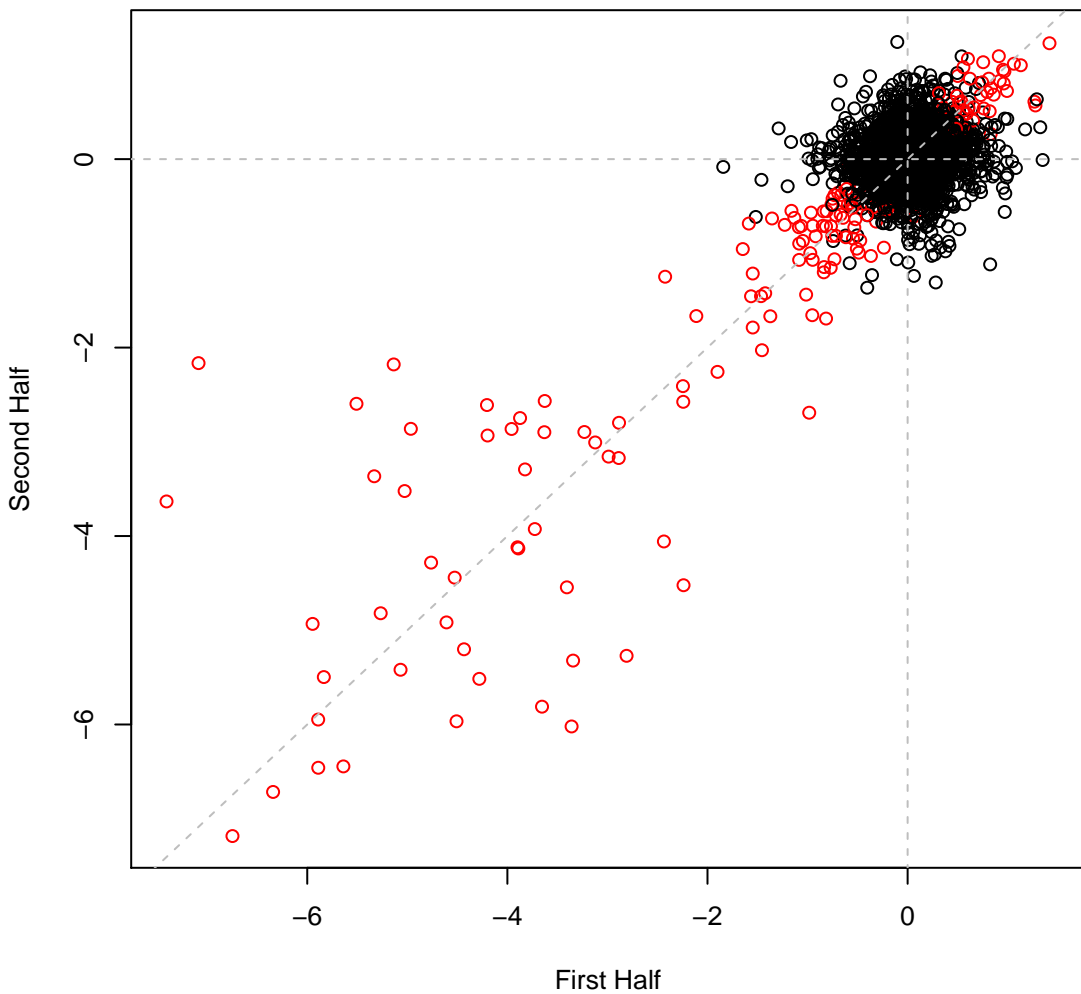


**pseudo6\_N2E2 set2IT009 #57 (gMed=255 rho12=0.247)**  
**D-Lactate (C)**

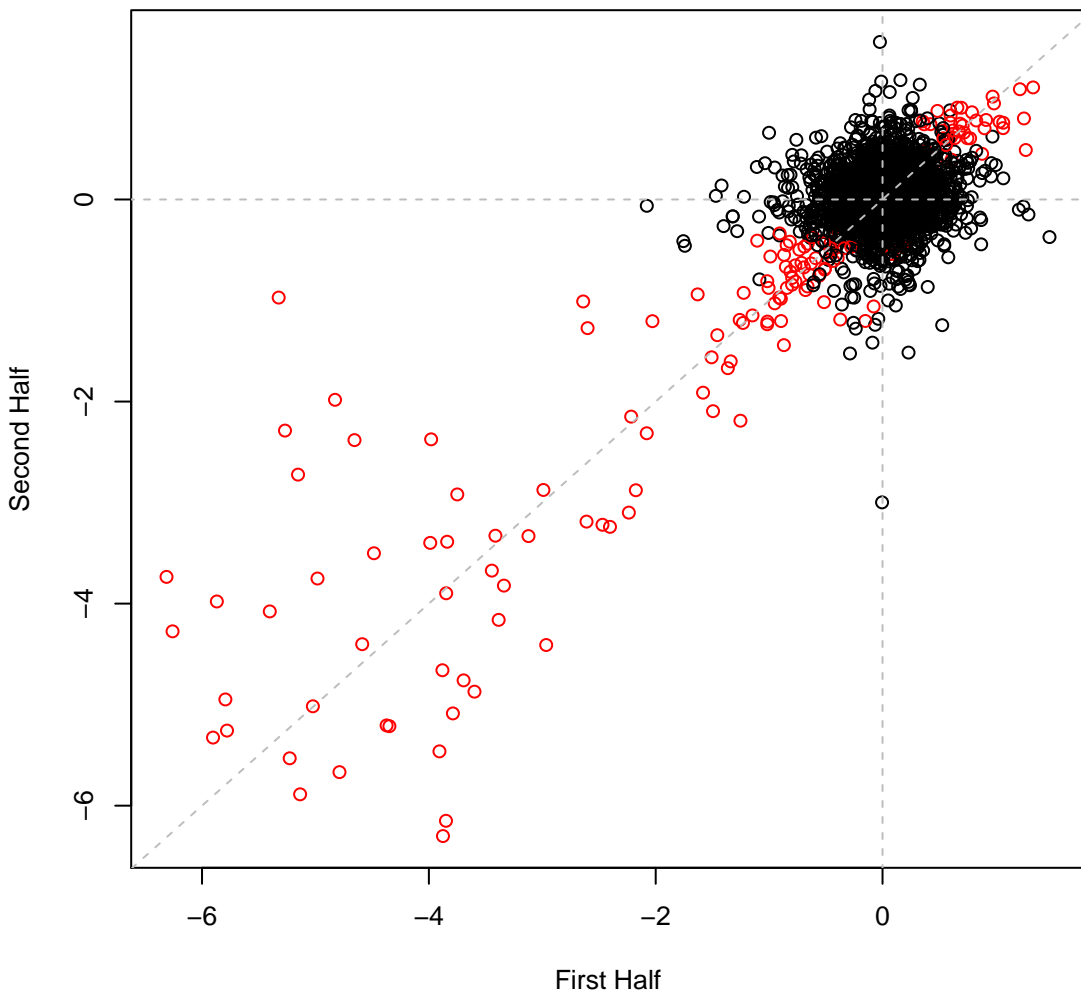




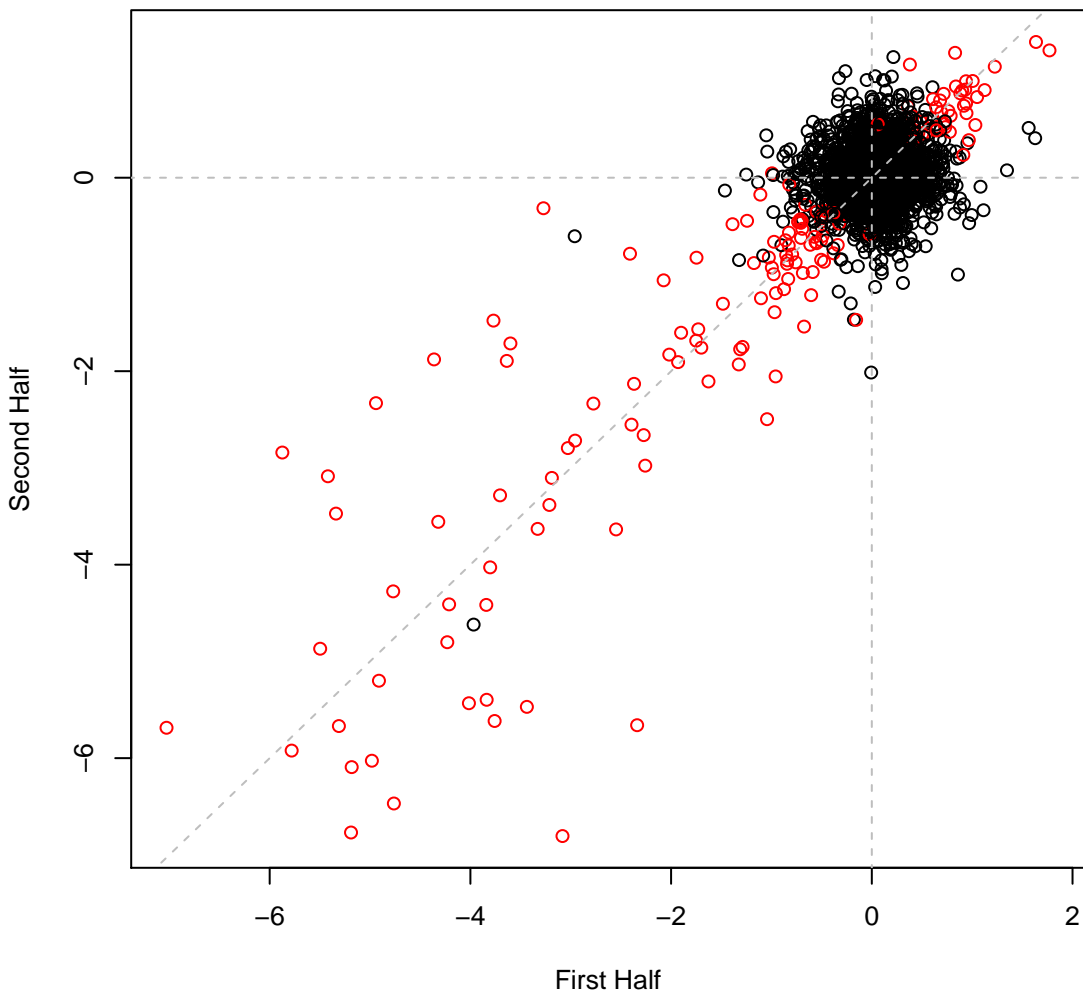
**pseudo6\_N2E2 set2IT010 #58 (gMed=251 rho12=0.221)**  
**L-Lactate (C)**



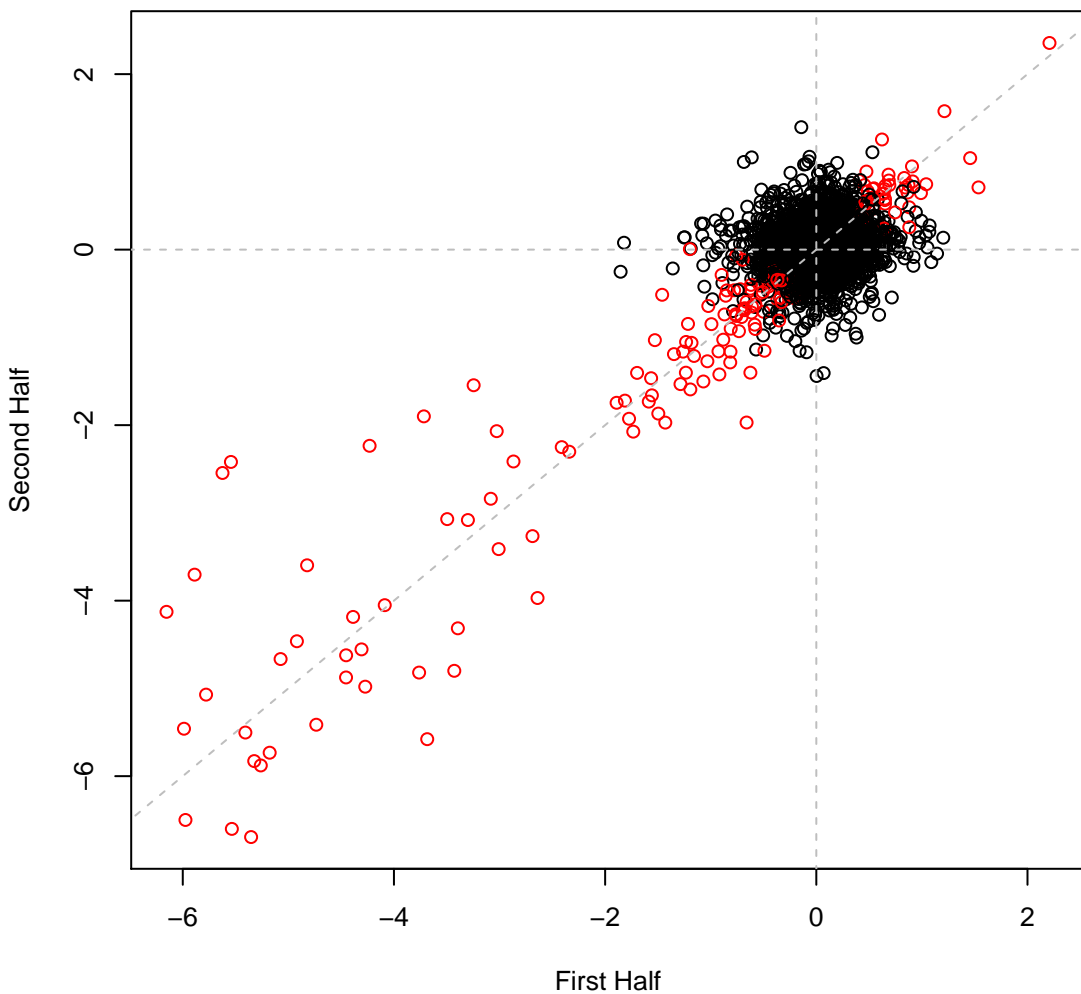
**pseudo6\_N2E2 set2IT011 #59 (gMed=237 rho12=0.199)**  
**D,L-Lactate (C)**



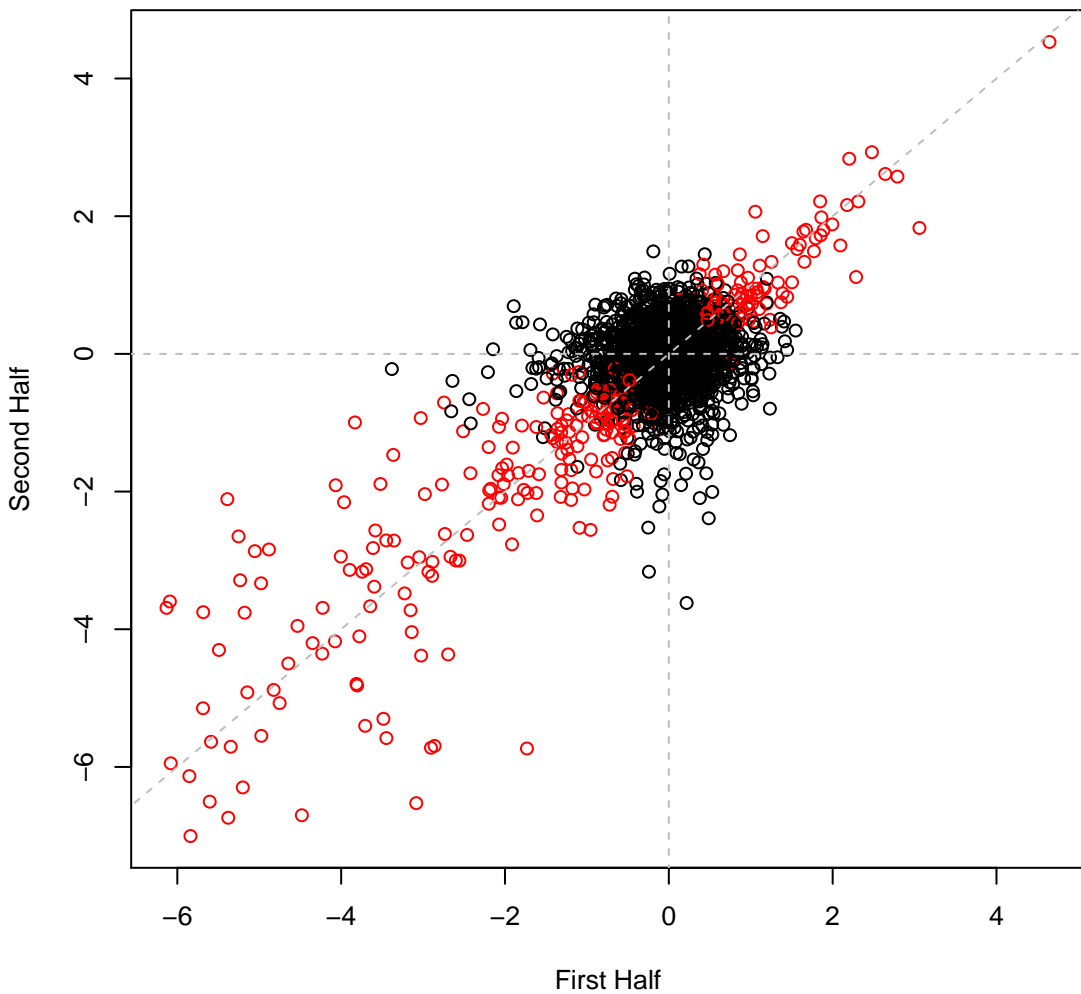
**pseudo6\_N2E2 set2IT012 #60 (gMed=284 rho12=0.188)**  
**pyruvate (C)**



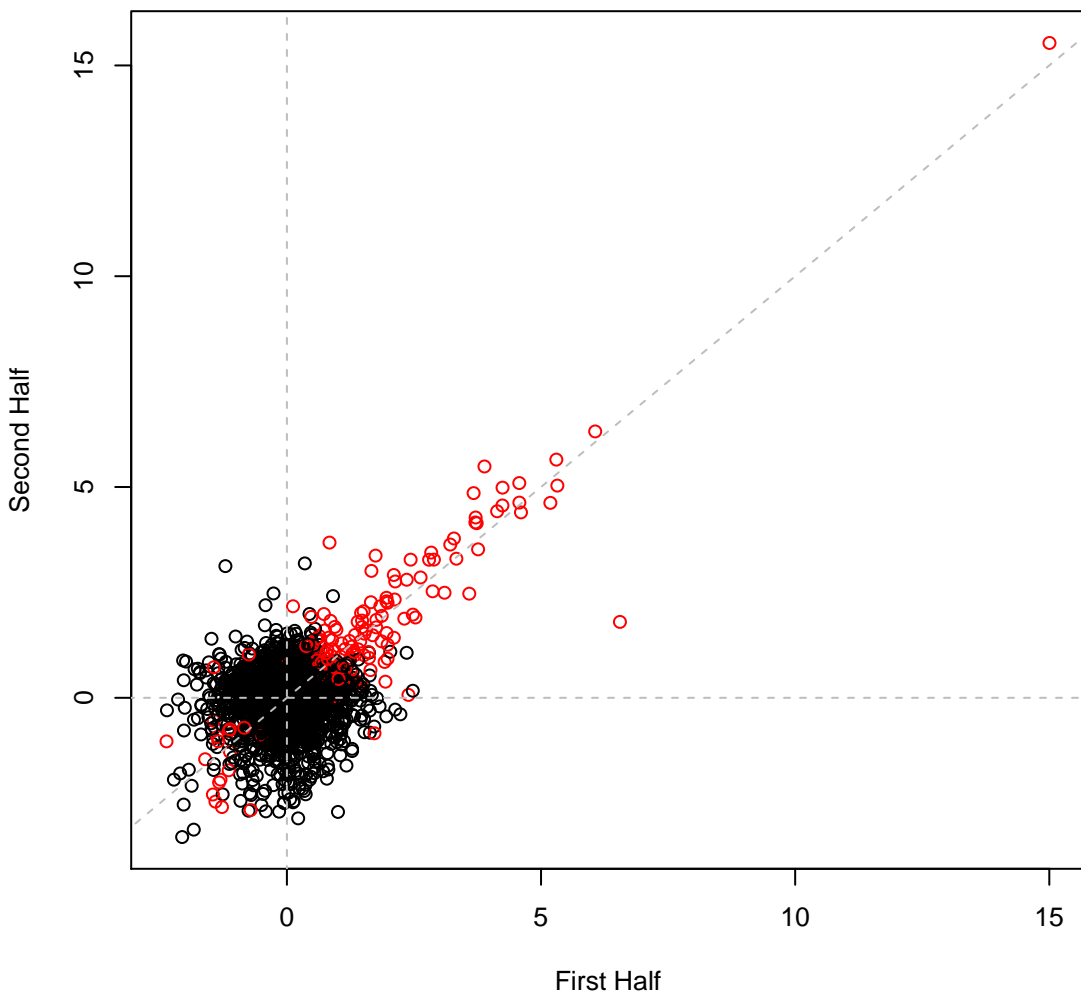
**pseudo6\_N2E2 set2IT013 #61 (gMed=272 rho12=0.213)**  
**succinate (C)**



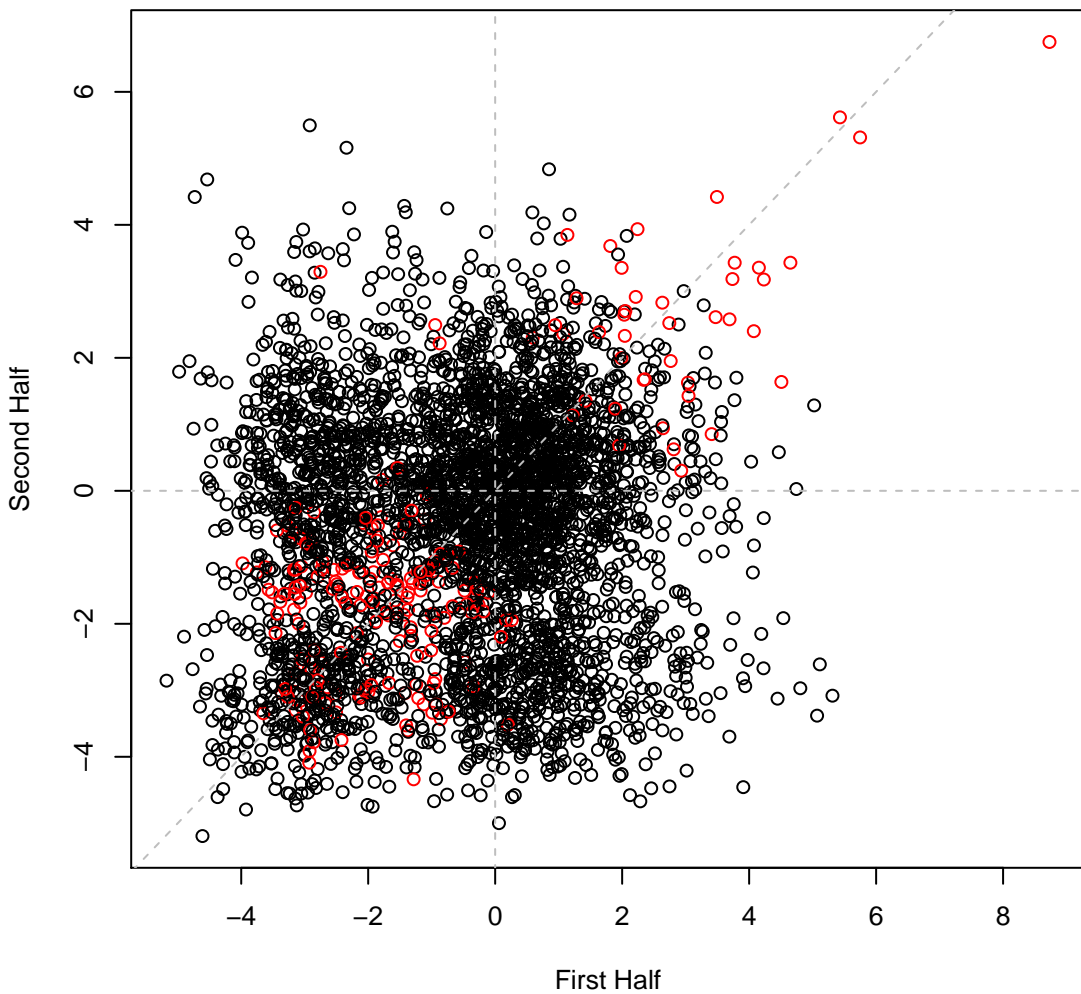
**pseudo6\_N2E2 set2IT014 #62 (gMed=225 rho12=0.320)**  
**propionate (C)**



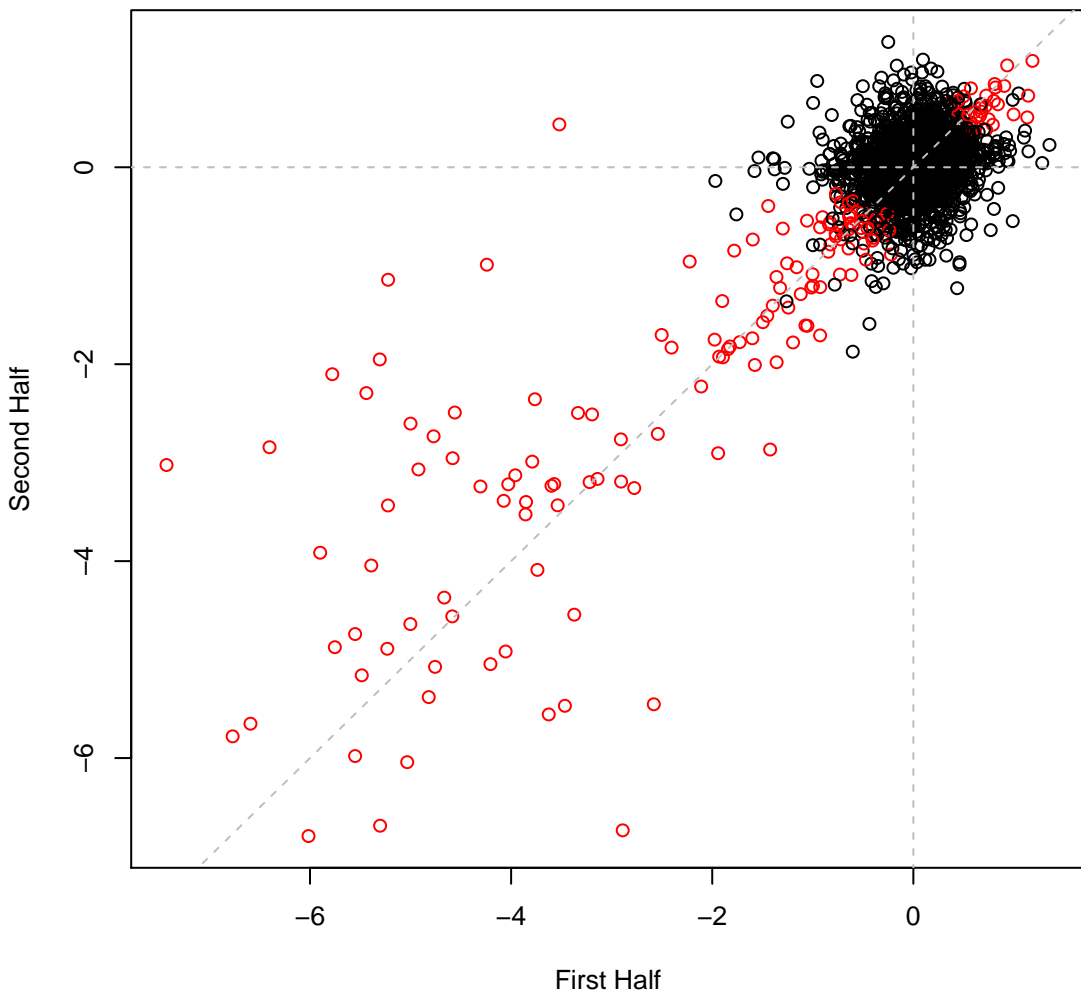
**pseudo6\_N2E2 set2IT015 #63 (gMed=27 rho12=0.170)**  
**D-Mannitol (C)**



**pseudo6\_N2E2 set2IT016 #64 (gMed=233 rho12=0.095)**  
**4-Hydroxybenzoic Acid (C)**

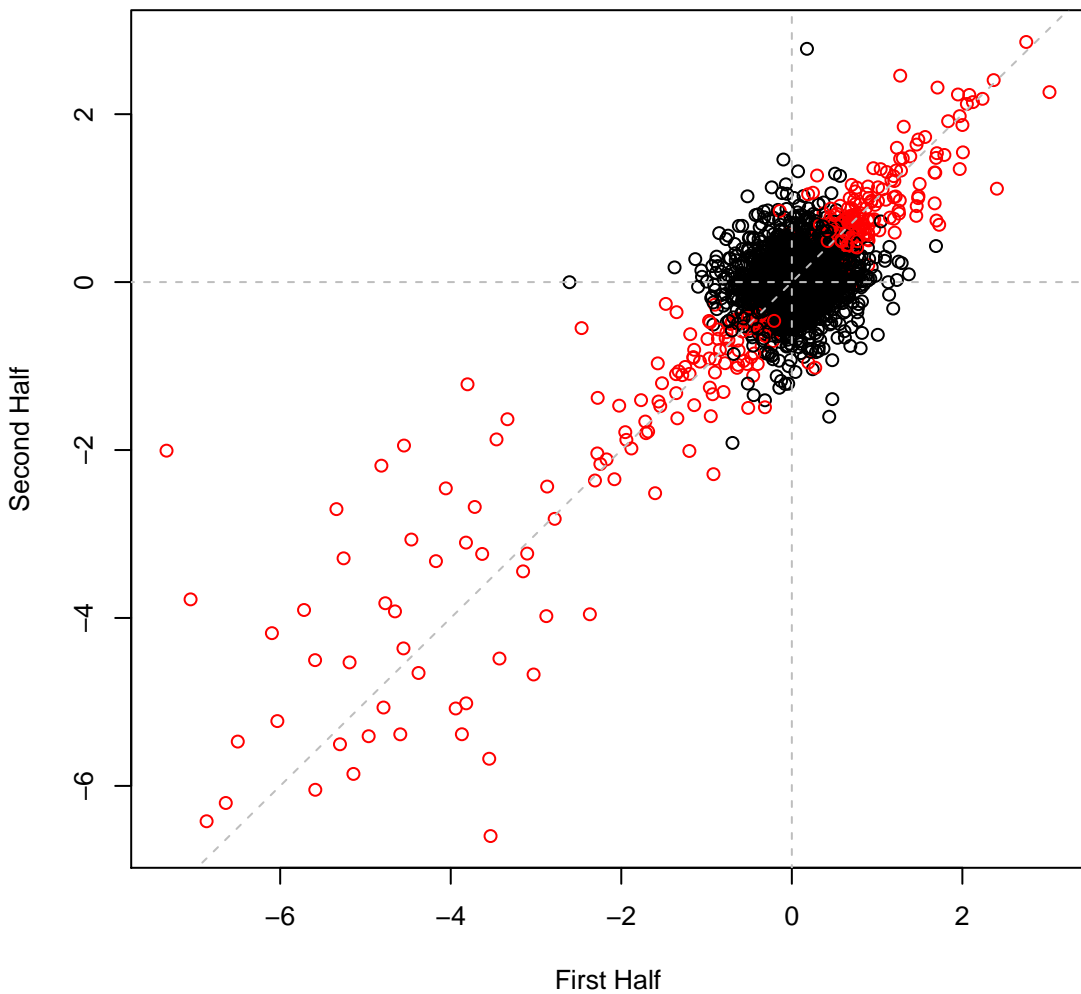


**pseudo6\_N2E2 set2IT017 #65 (gMed=256 rho12=0.247)**  
**m-Inositol (C)**

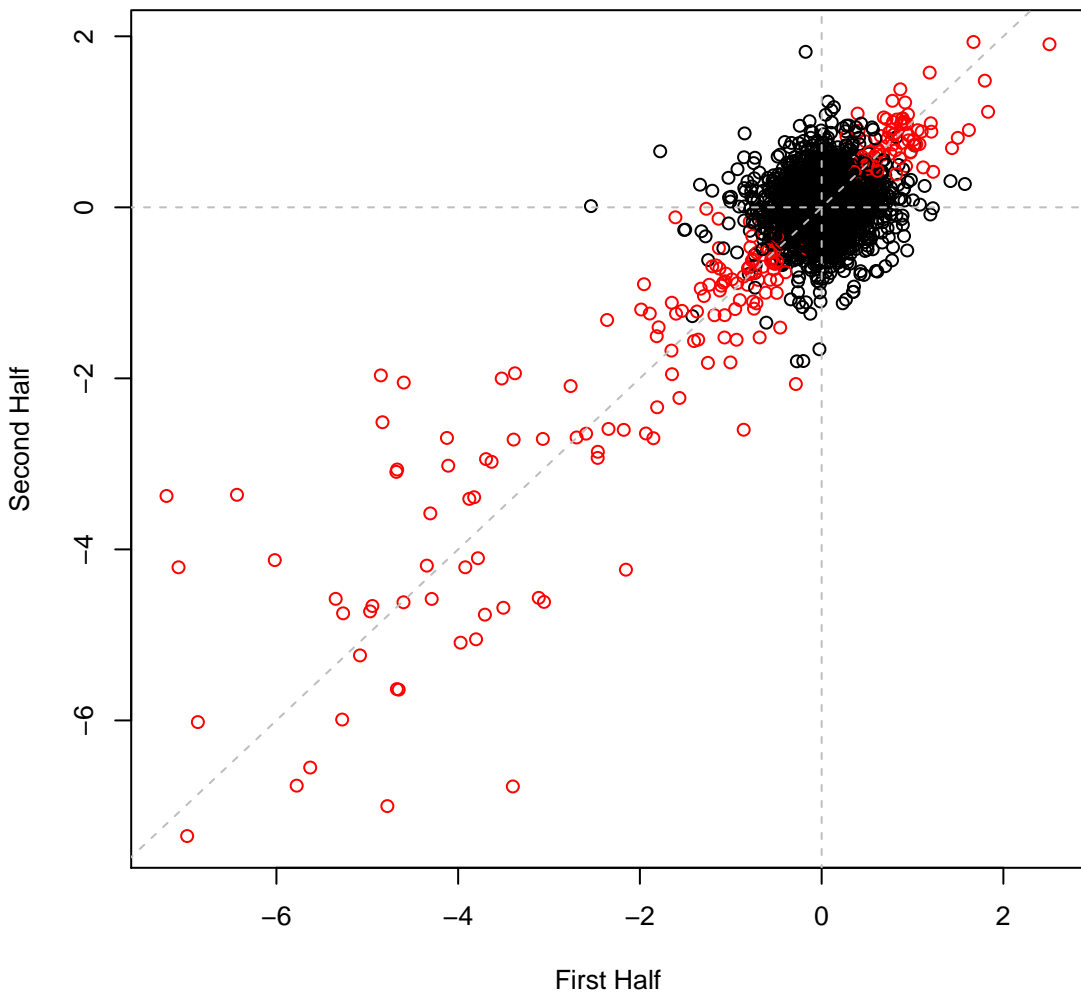




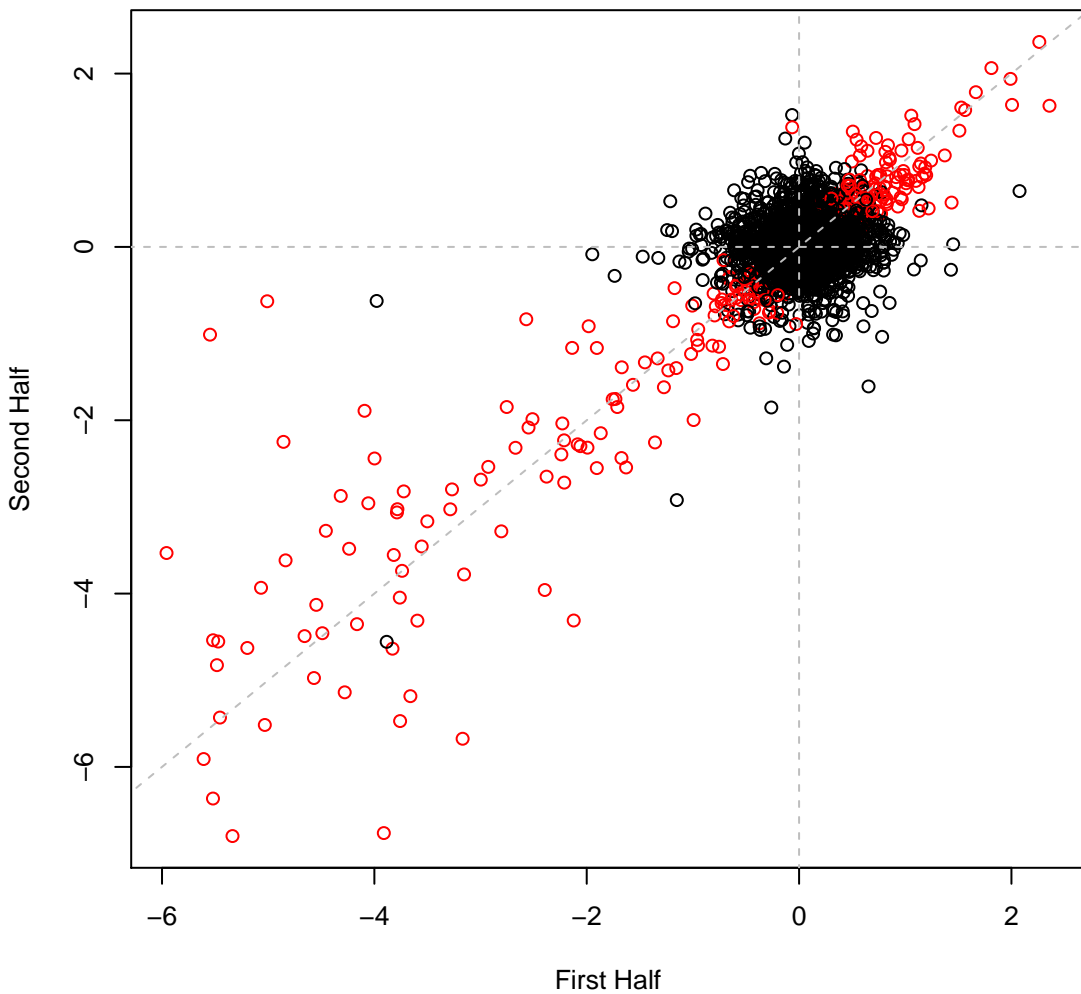
**pseudo6\_N2E2 set2IT018 #66 (gMed=242 rho12=0.330)**  
**Glycerol (C)**



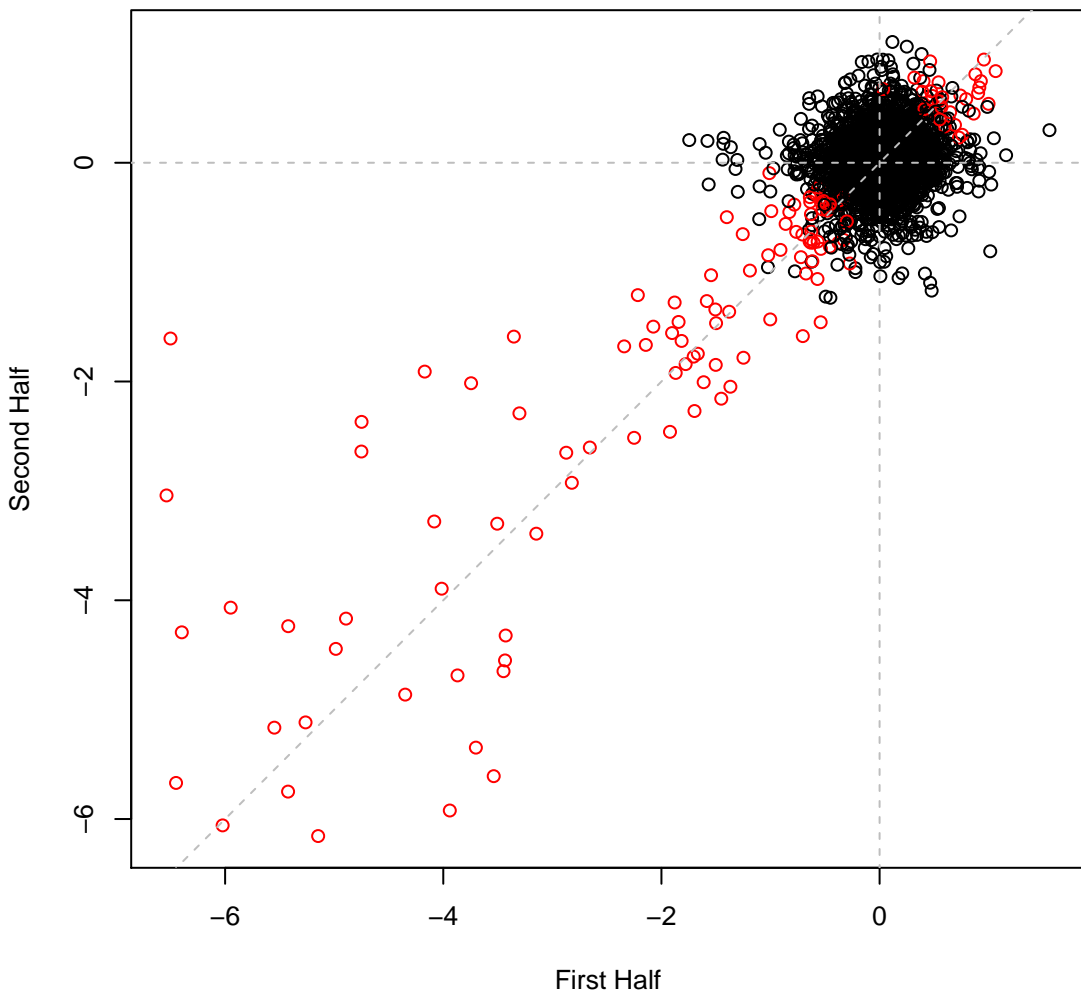
**pseudo6\_N2E2 set2IT019 #67 (gMed=275 rho12=0.239)**  
**D-Sorbitol (C)**



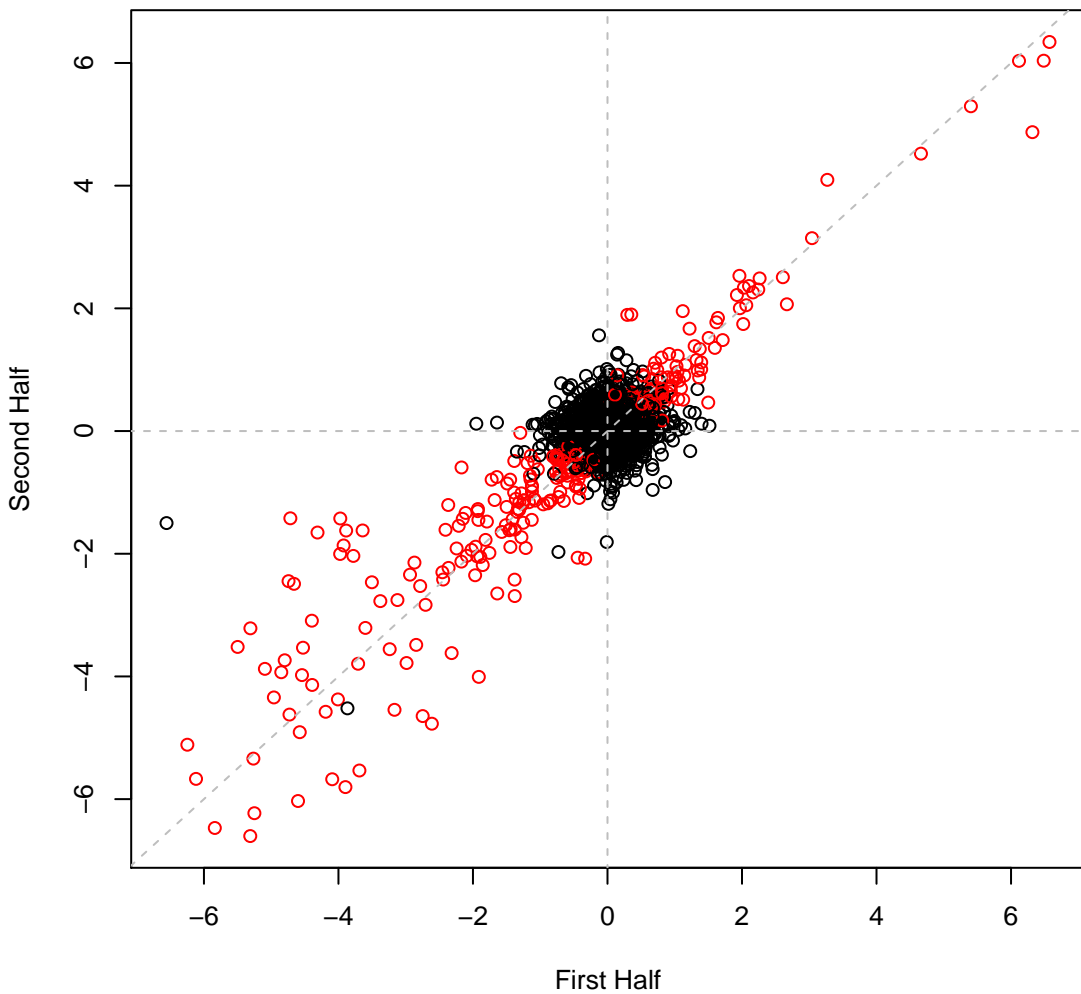
**pseudo6\_N2E2 set2IT020 #68 (gMed=275 rho12=0.286)**  
**Tween 20 (C)**



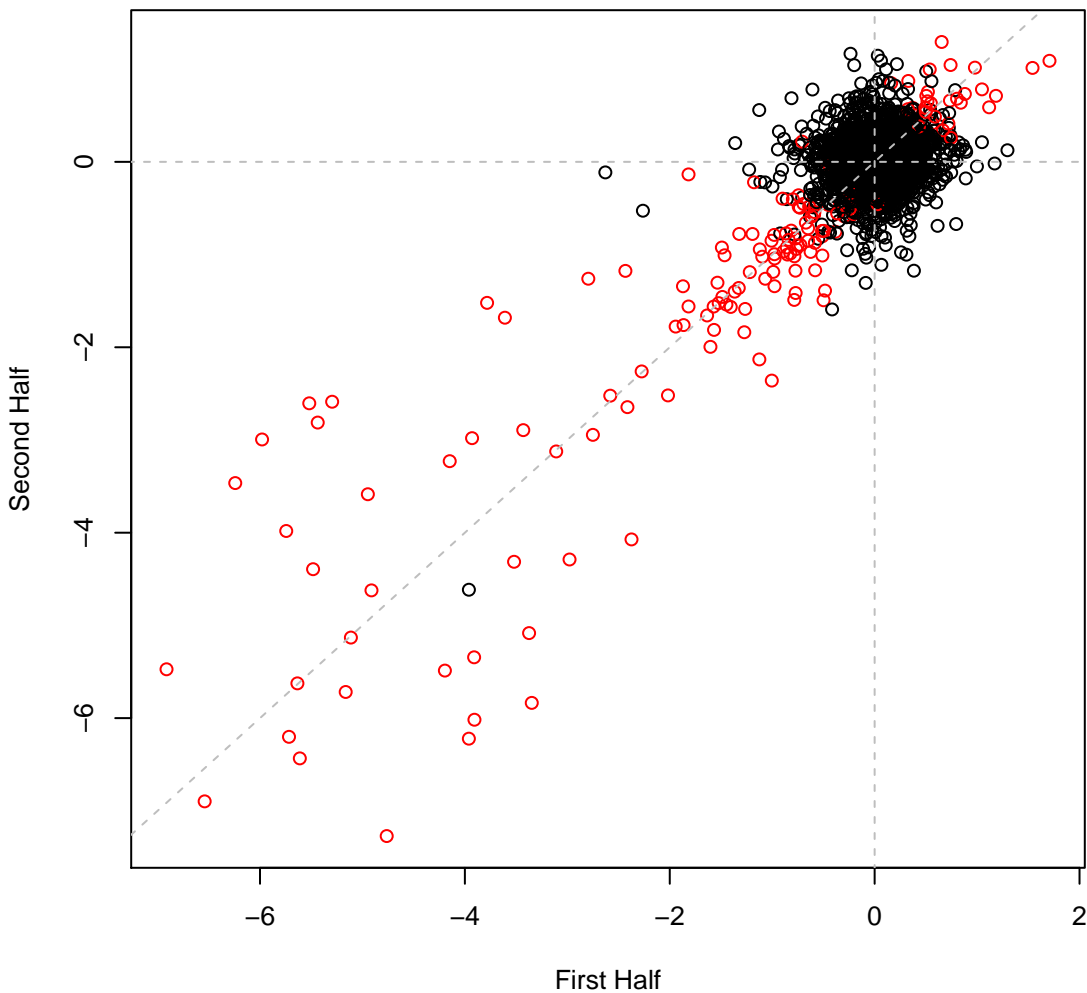
**pseudo6\_N2E2 set2IT021 #69 (gMed=273 rho12=0.183)**  
**L-Malic (C)**



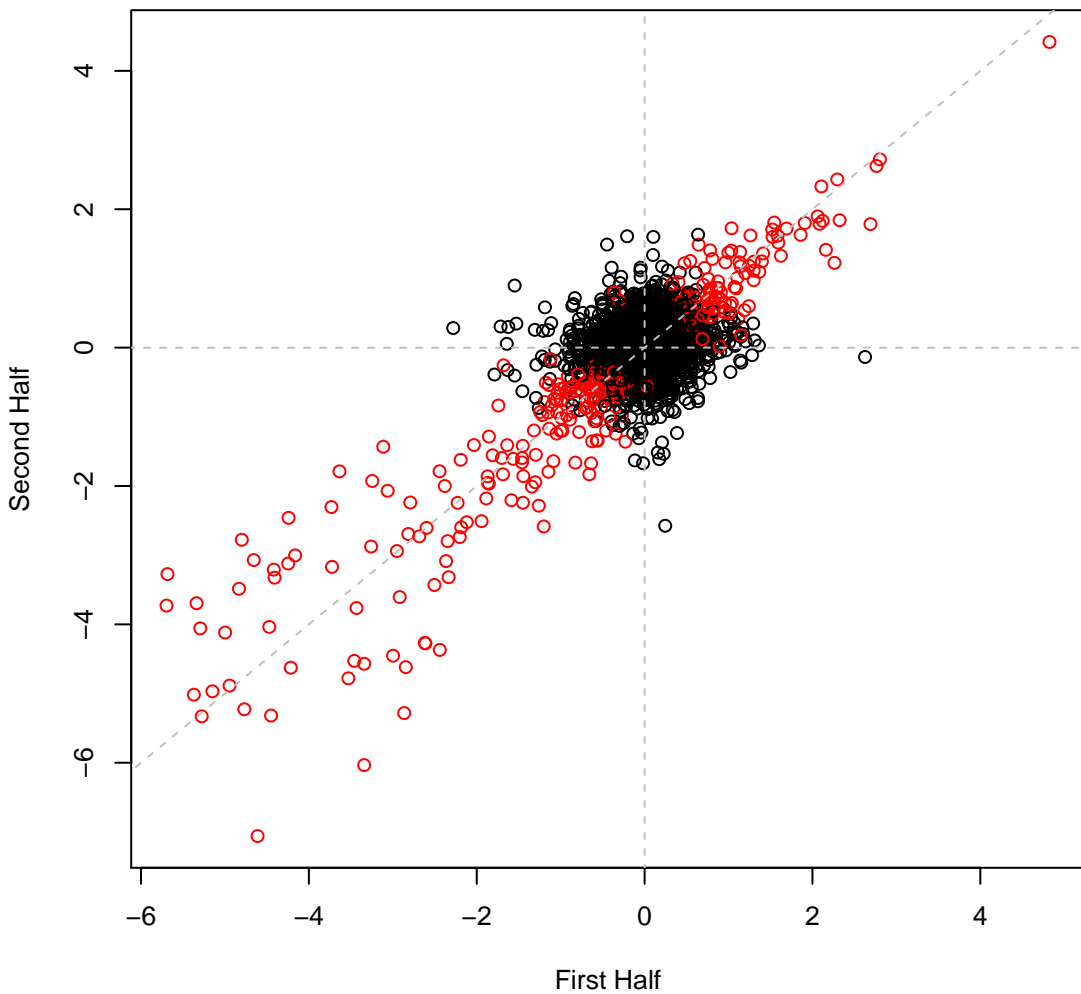
**pseudo6\_N2E2 set2IT022 #70 (gMed=263 rho12=0.322)**  
**L-Histidine (C)**



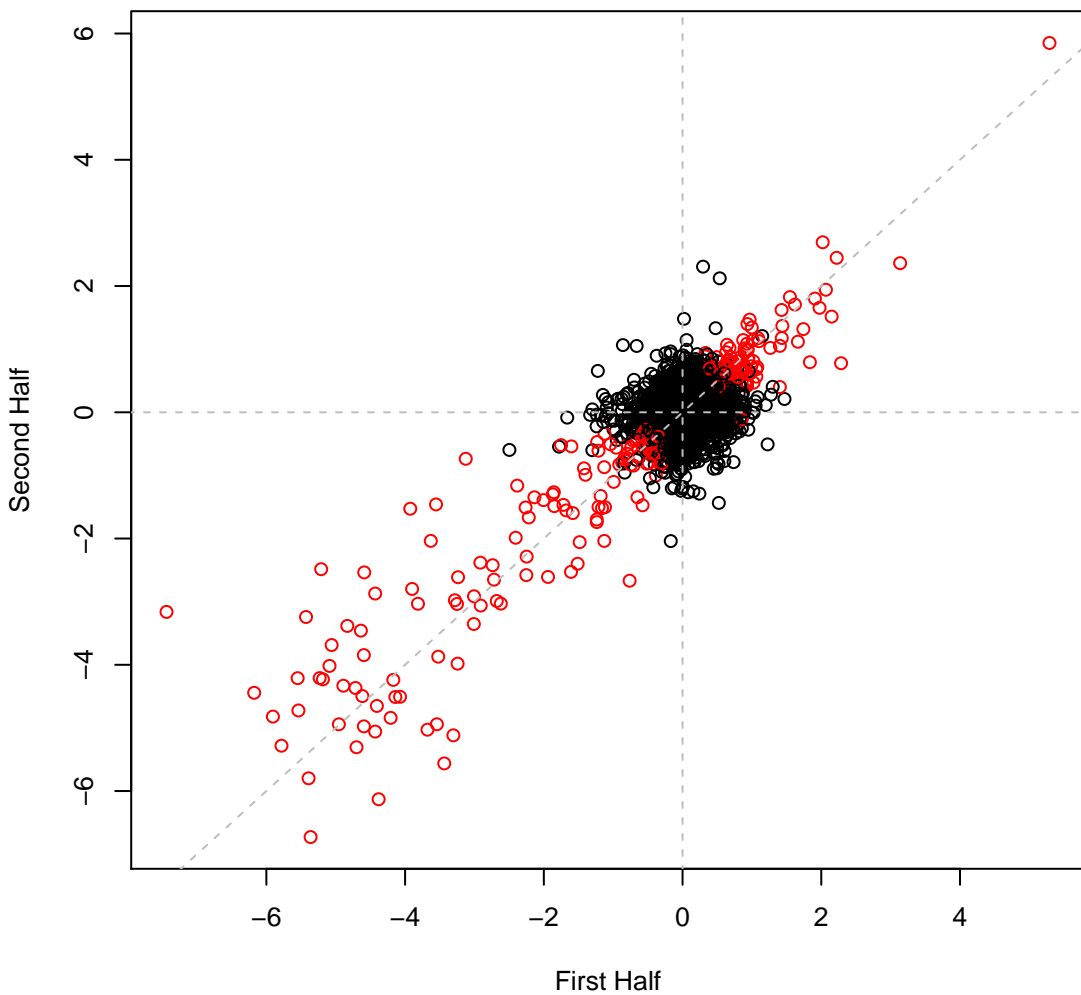
**pseudo6\_N2E2 set2IT023 #71 (gMed=243 rho12=0.186)**  
**L-Glutamine (C)**



**pseudo6\_N2E2 set2IT025 #73 (gMed=254 rho12=0.311)**  
**L-Alanine (C)**

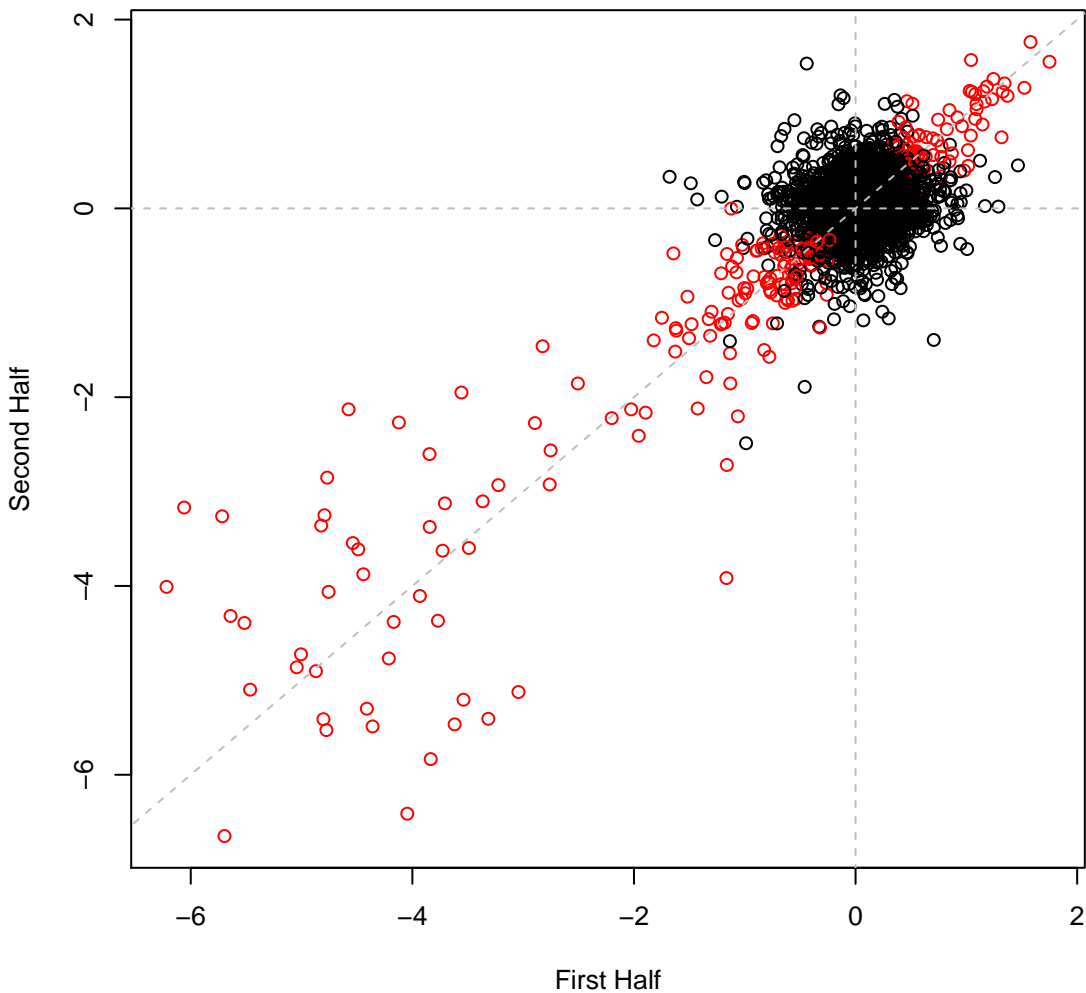


**pseudo6\_N2E2 set2IT026 #74 (gMed=243 rho12=0.292)**  
**L-Isoleucine (C)**

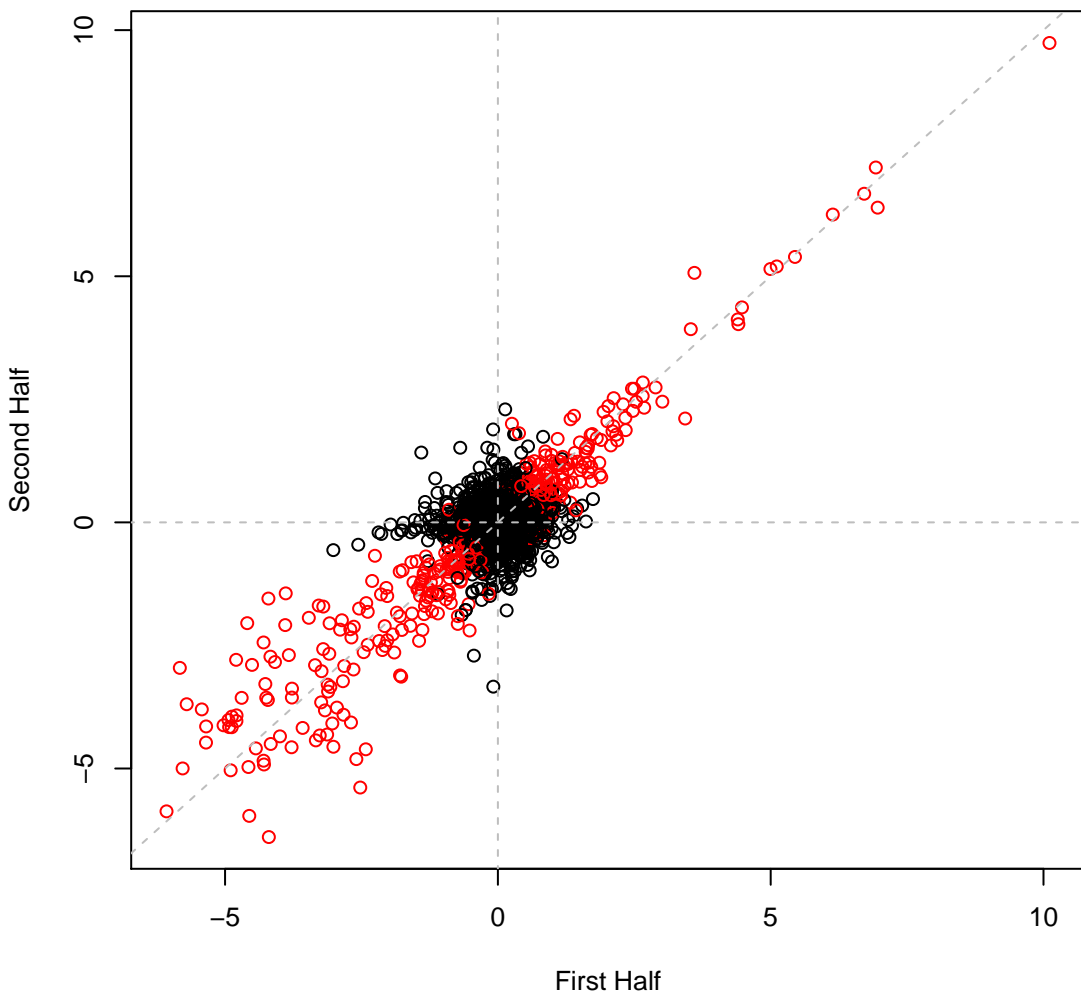




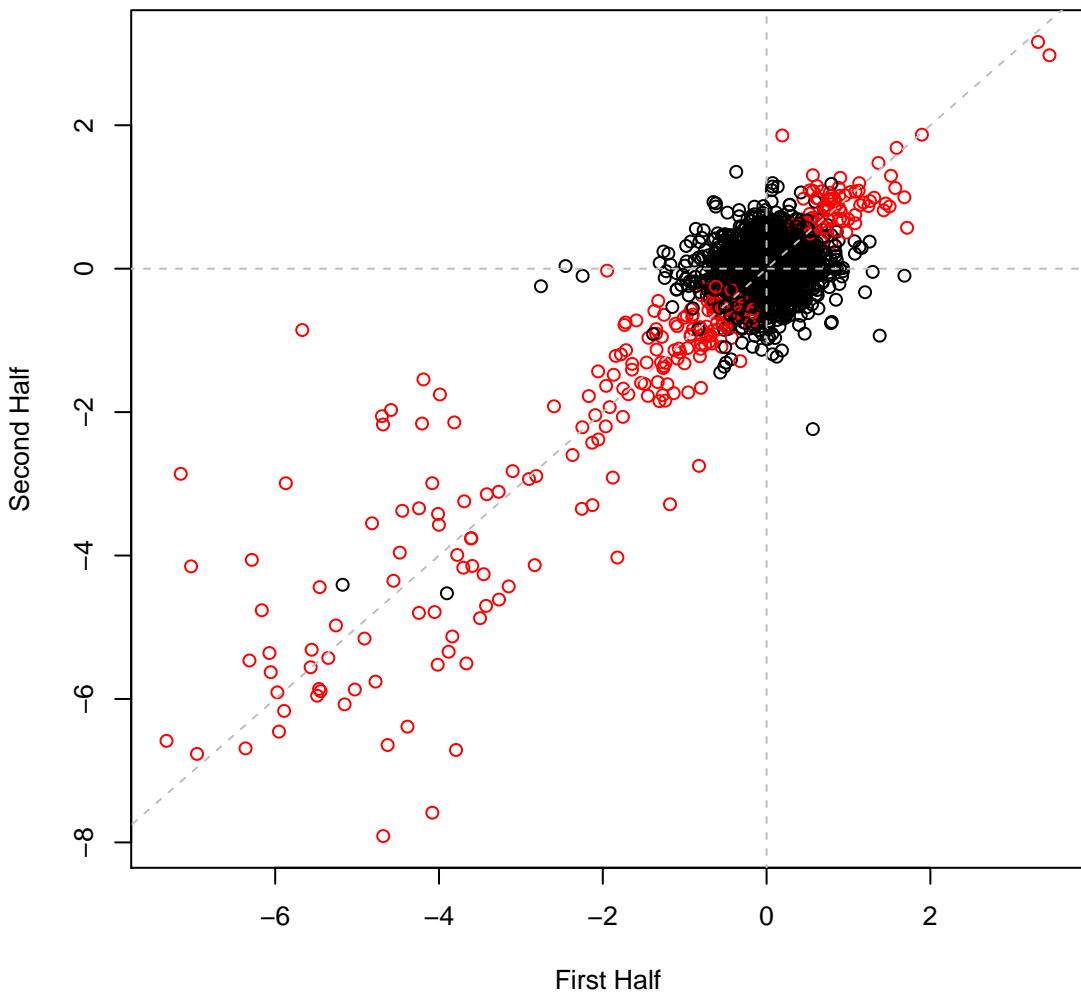
**pseudo6\_N2E2 set2IT027 #75 (gMed=248 rho12=0.281)**  
**L-Phenylalanine (C)**



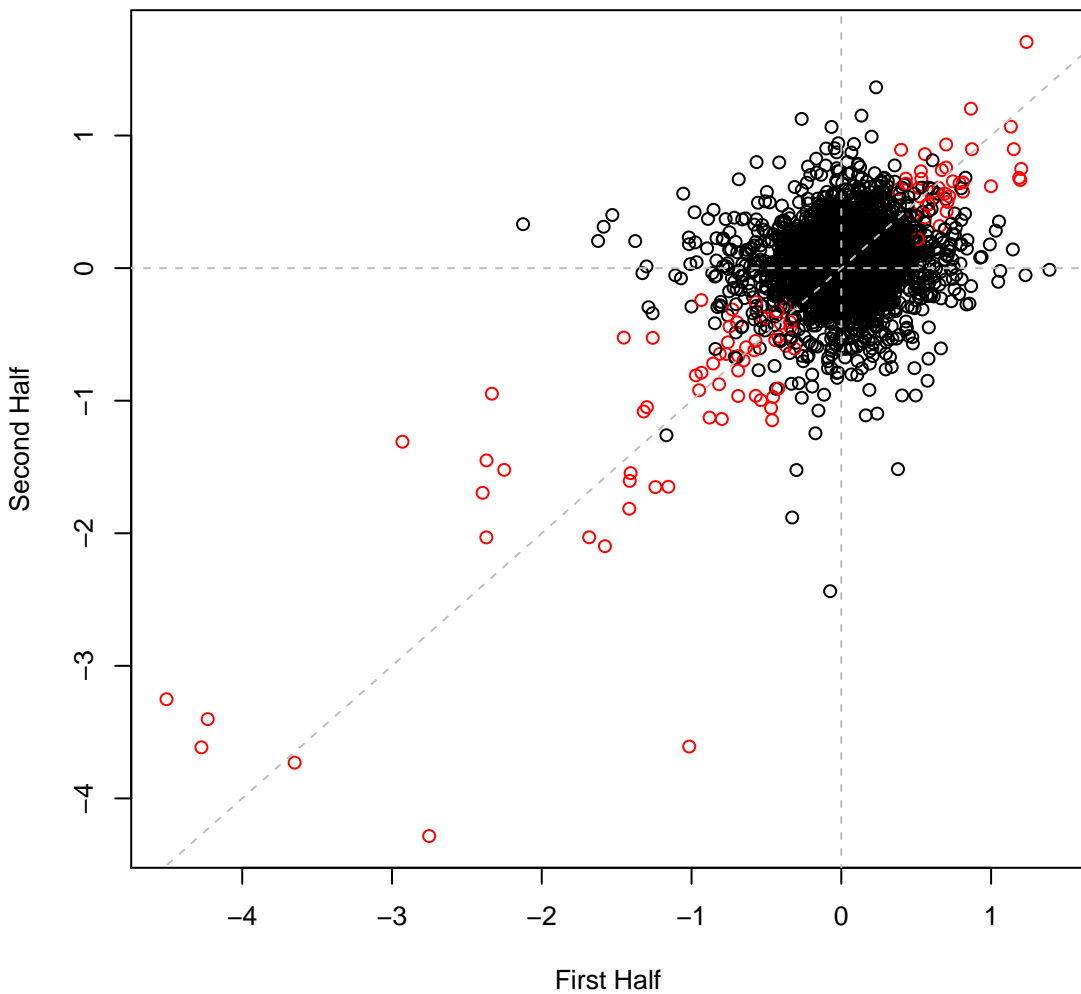
**pseudo6\_N2E2 set2IT028 #76 (gMed=208 rho12=0.348)**  
**D-Alanine (C)**



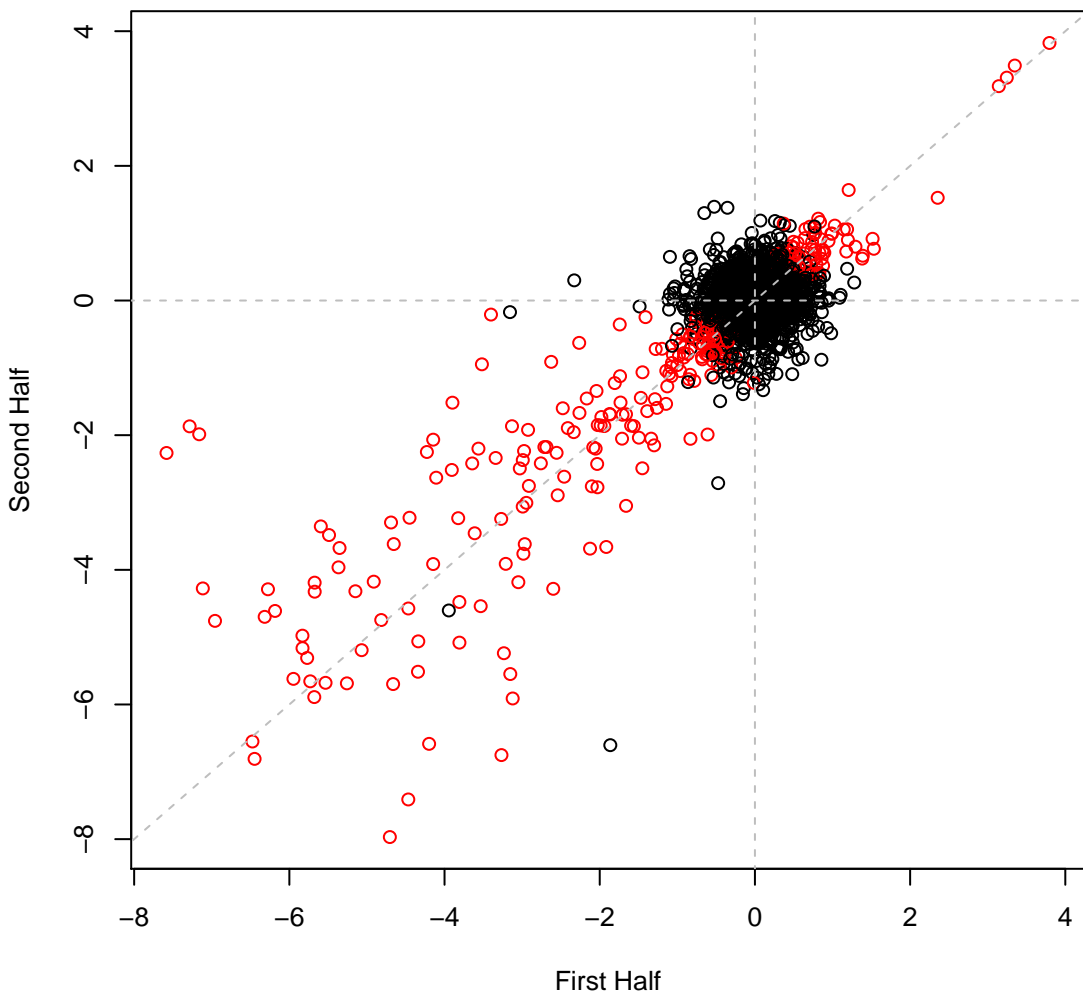
**pseudo6\_N2E2 set2IT029 #77 (gMed=258 rho12=0.330)**  
**Carnitine Hydrochloride (C)**



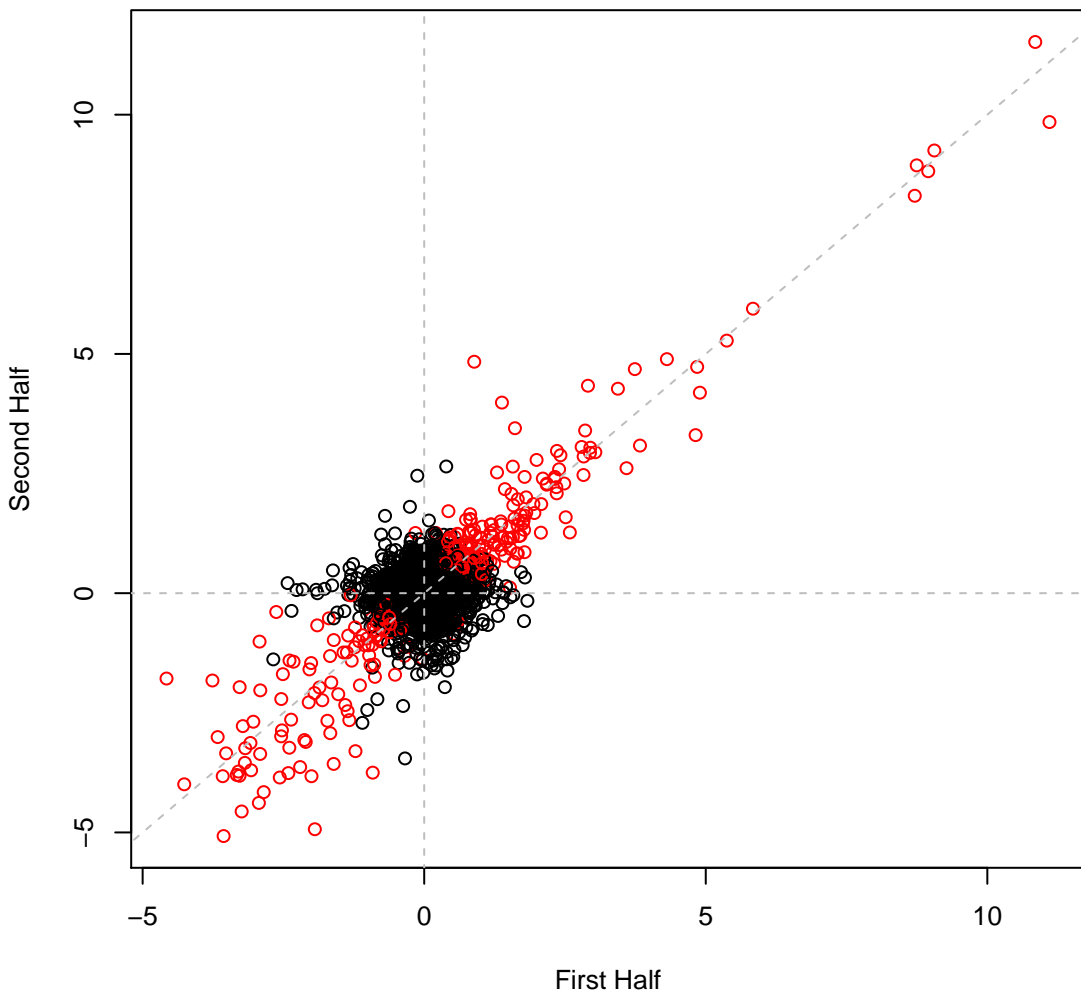
**pseudo6\_N2E2 set2IT030 #78 (gMed=246 rho12=0.170)**  
**CAS aminos (C)**



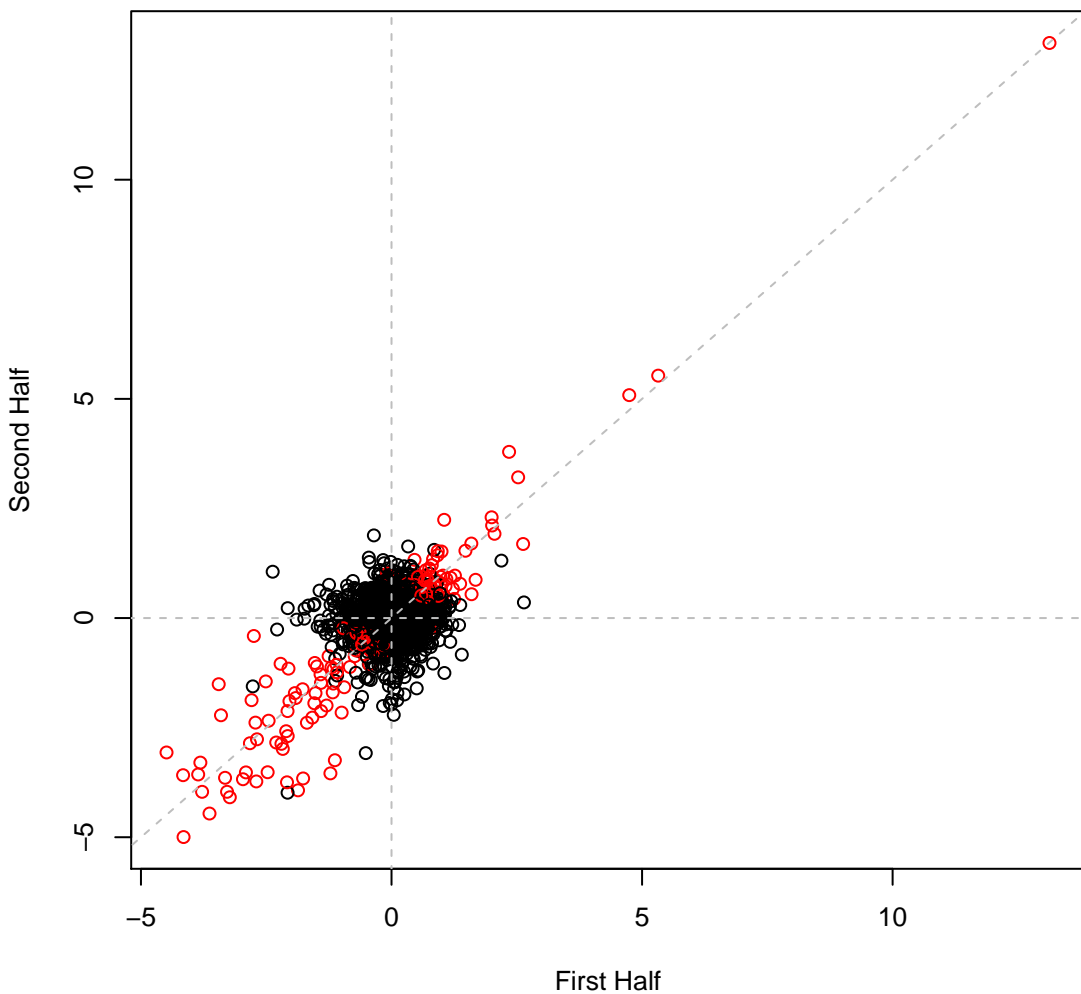
**pseudo6\_N2E2 set2IT031 #79 (gMed=252 rho12=0.305)**  
**Putrescine (C)**



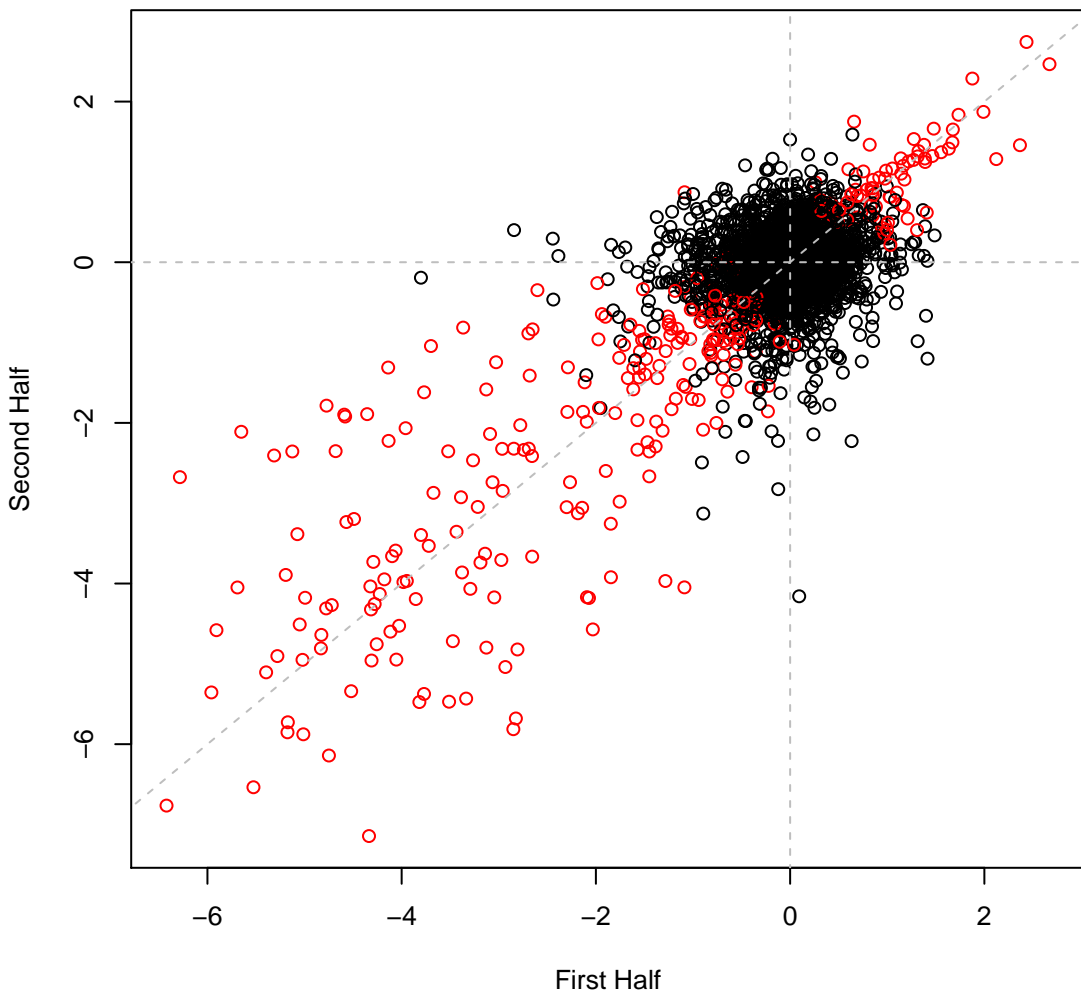
**pseudo6\_N2E2 set2IT032 #80 (gMed=102 rho12=0.296)**  
**D-Glucosamine Hydrochloride (C)**



**pseudo6\_N2E2 set2IT033 #81 (gMed=87 rho12=0.205)**  
**D-Mannose (C)**

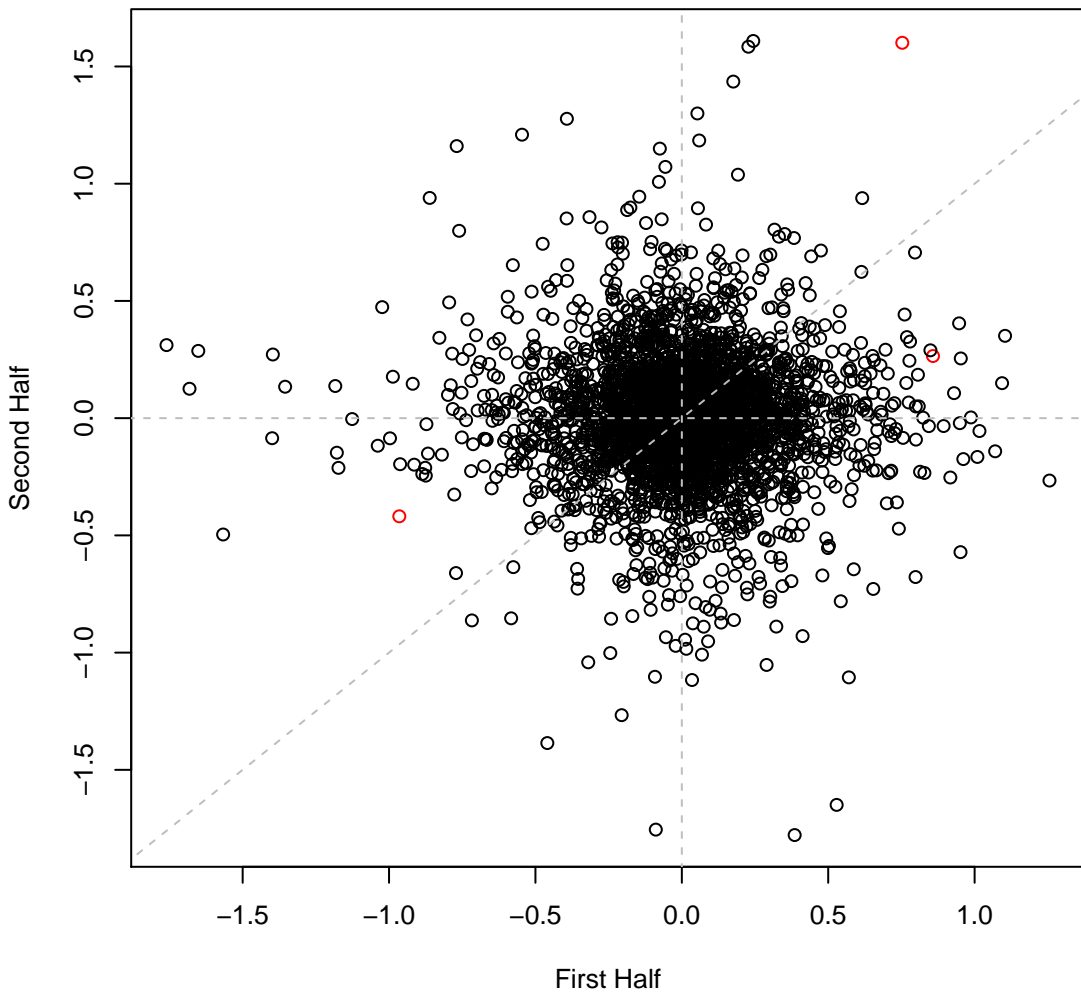


**pseudo6\_N2E2 set2IT034 #82 (gMed=249 rho12=0.320)**  
**octanoate (C)**

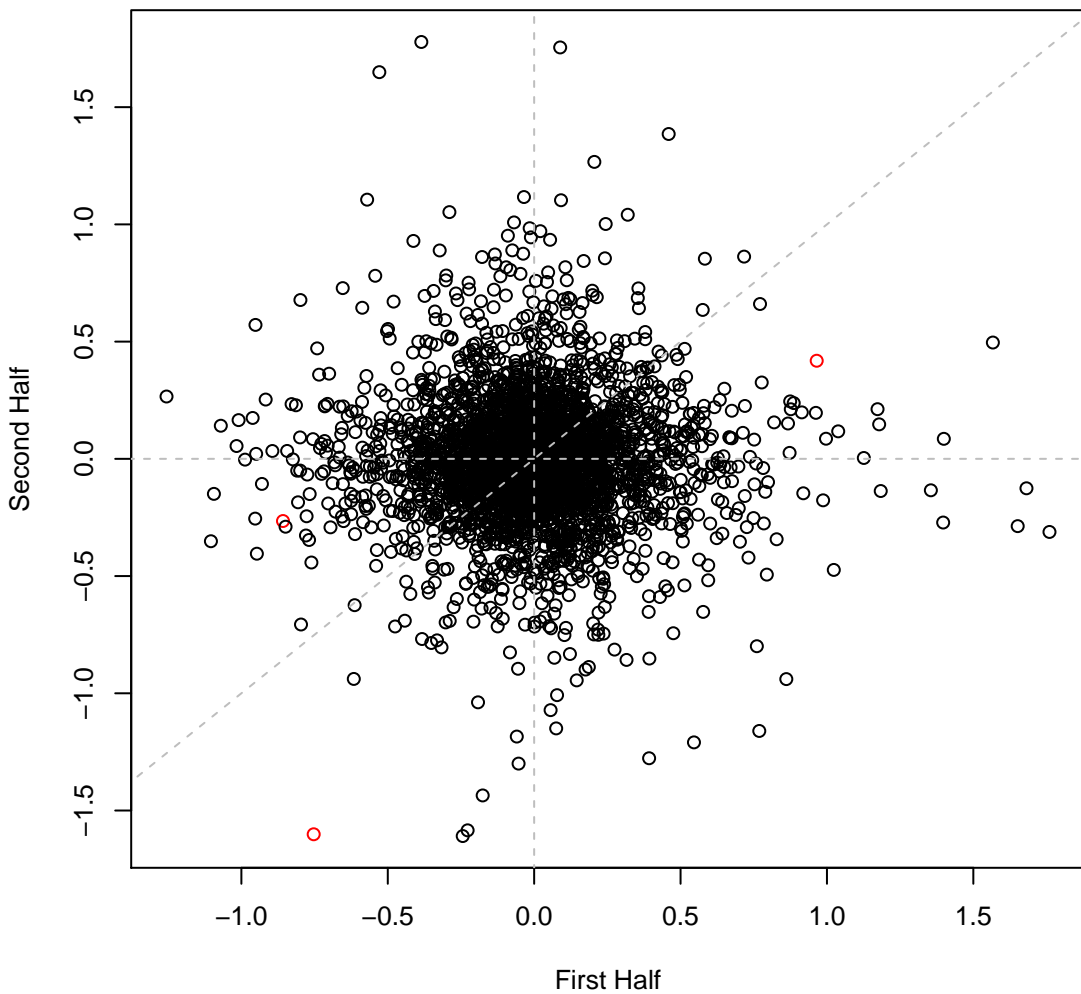




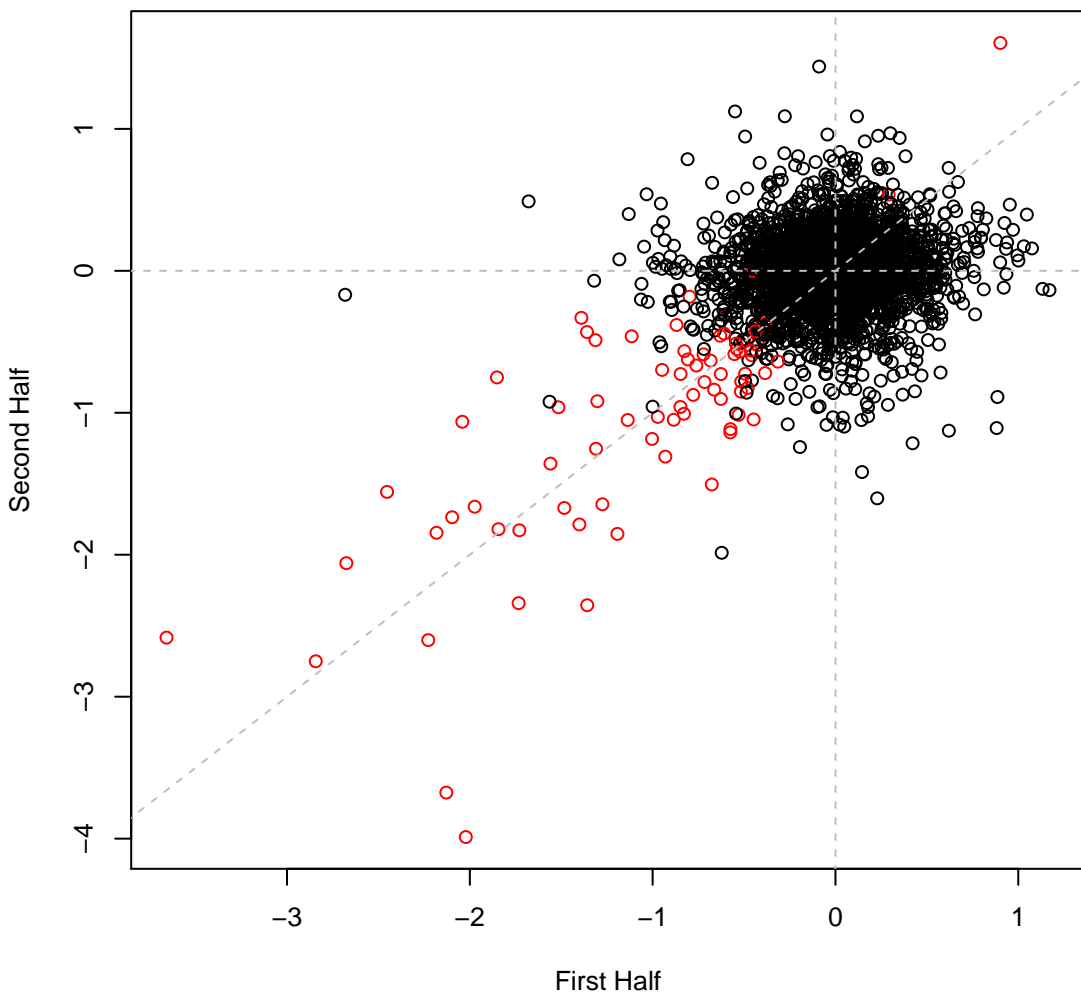
**pseudo6\_N2E2 set2IT035 #83 (gMed=226 rho12=-0.002)**  
**Time0**



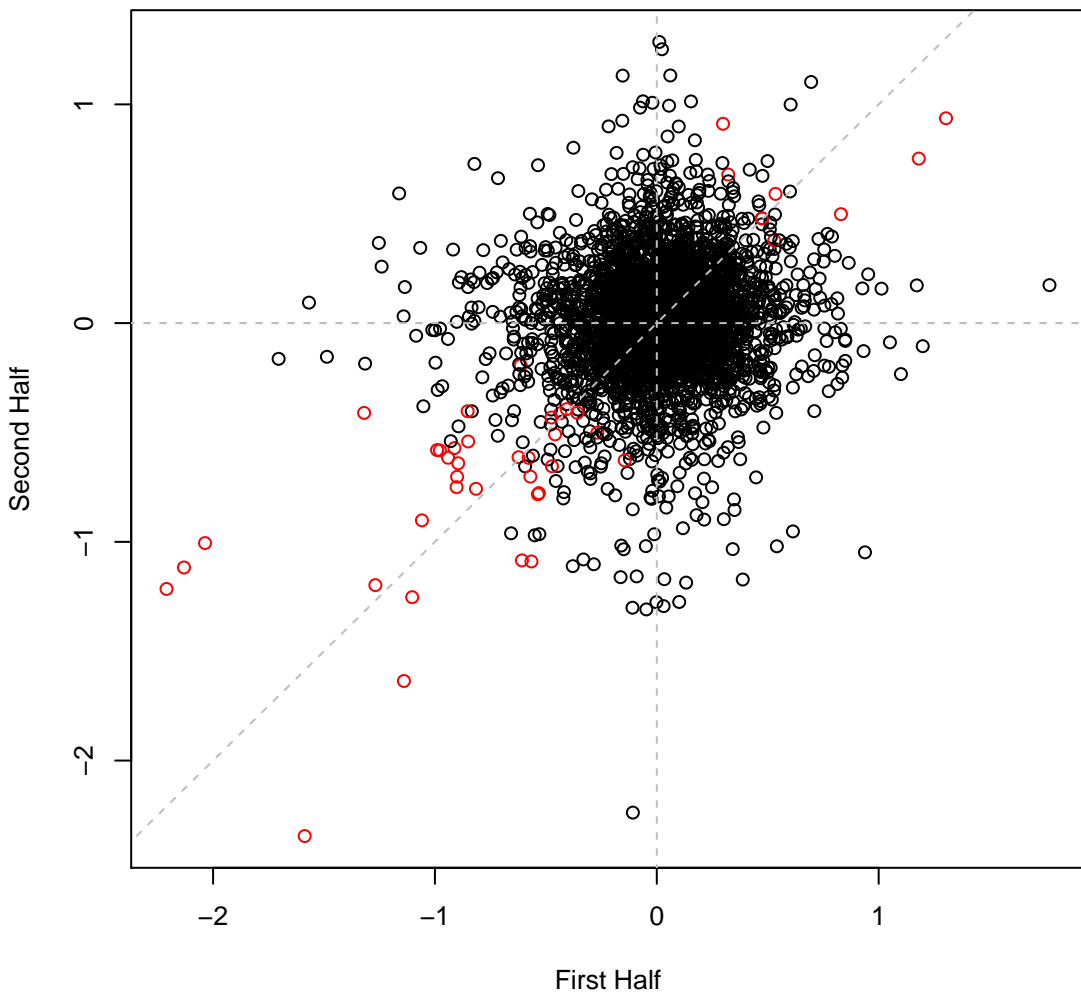
**pseudo6\_N2E2 set2IT036 #84 (gMed=218 rho12=-0.002)**  
**Time0**



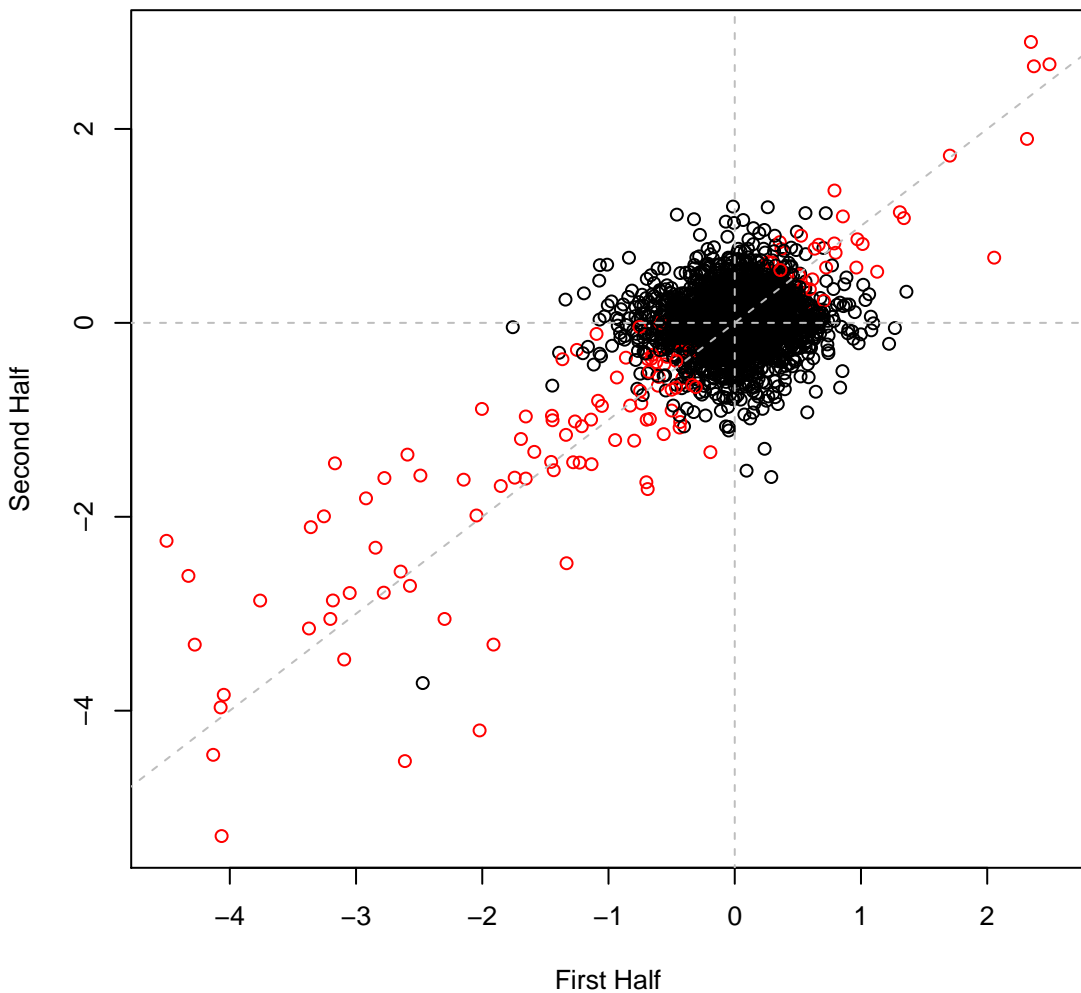
**pseudo6\_N2E2 set2IT037 #85 (gMed=226 rho12=0.158)**  
**Chloride 500 mM**



**pseudo6\_N2E2 set2IT038 #86 (gMed=252 rho12=0.097)**  
**LB**

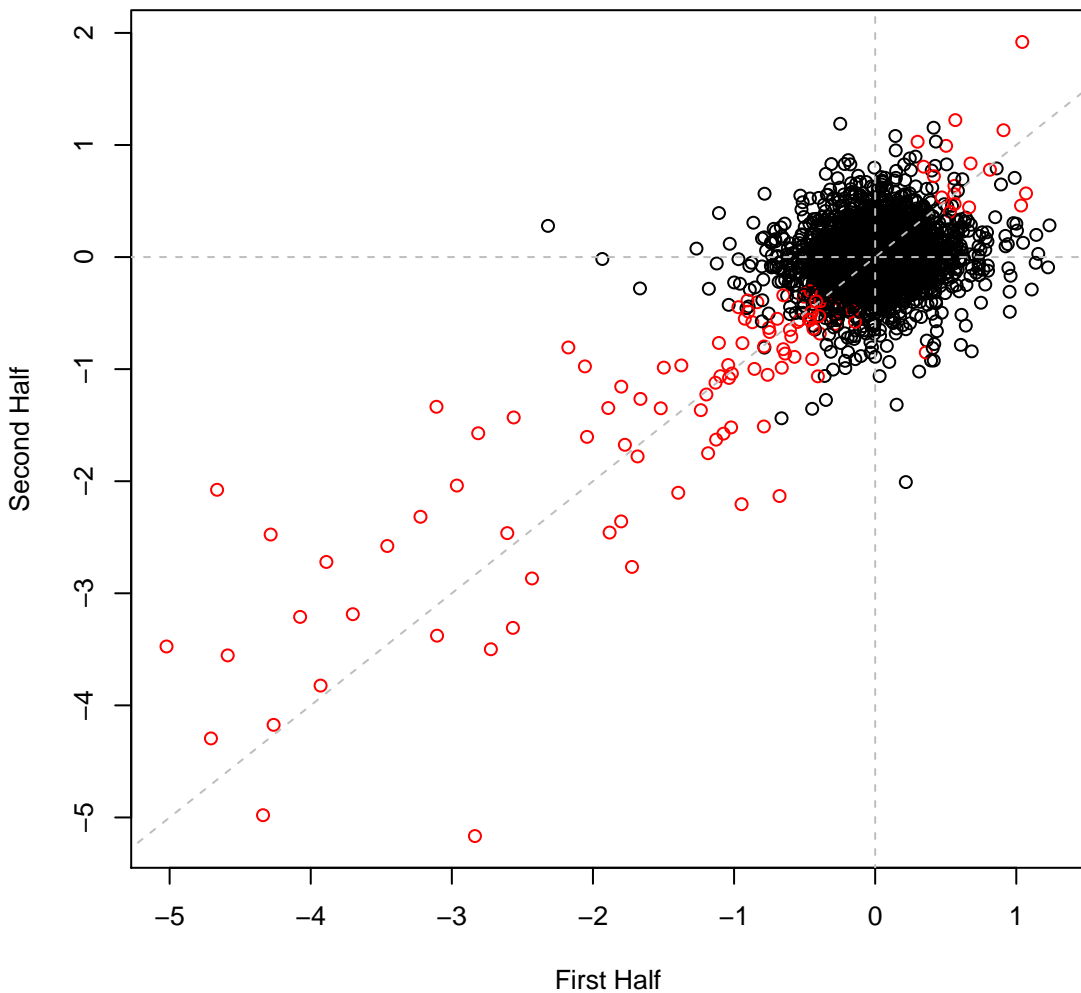


**pseudo6\_N2E2 set2IT039 #87 (gMed=235 rho12=0.189)**  
**Benzethonium chloride 0.02 mM**

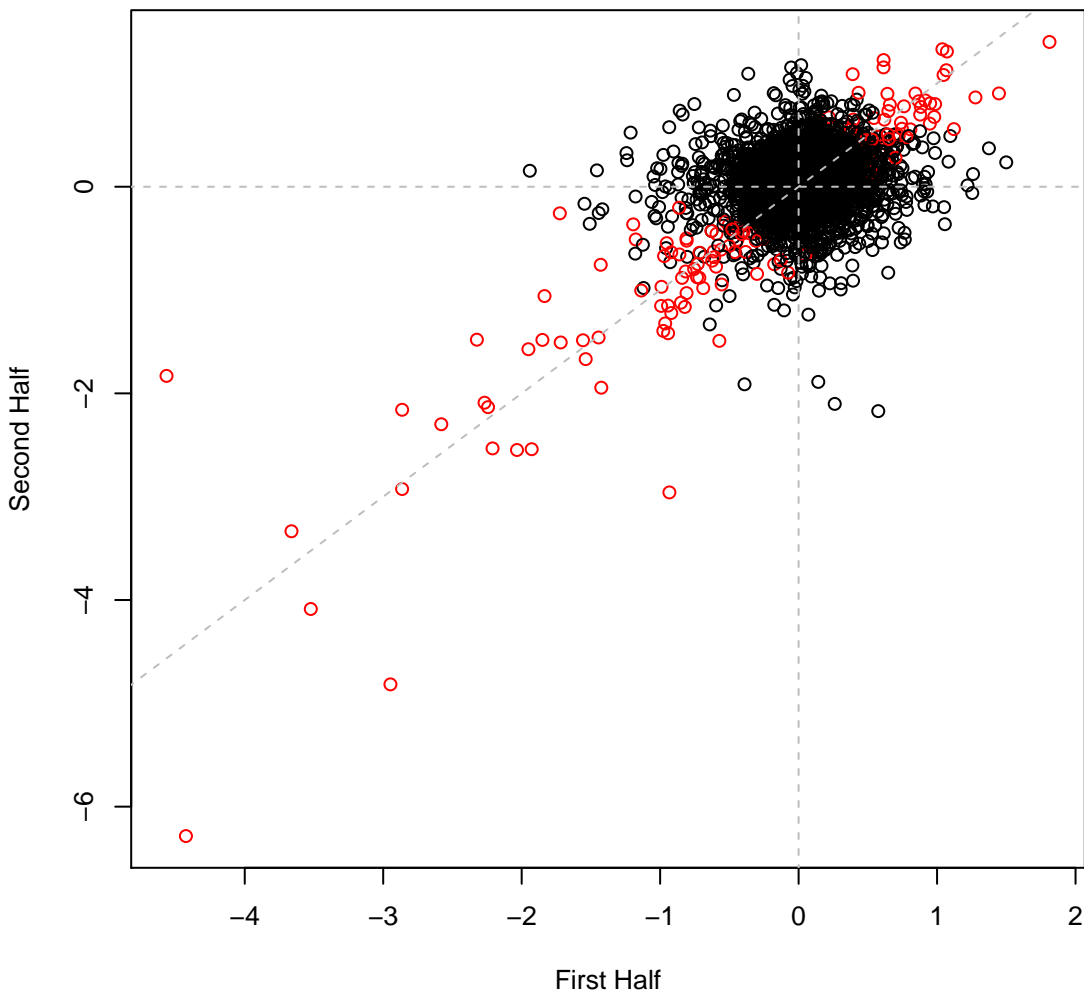


**pseudo6\_N2E2 set2IT040 #88 (gMed=281 rho12=0.190)**

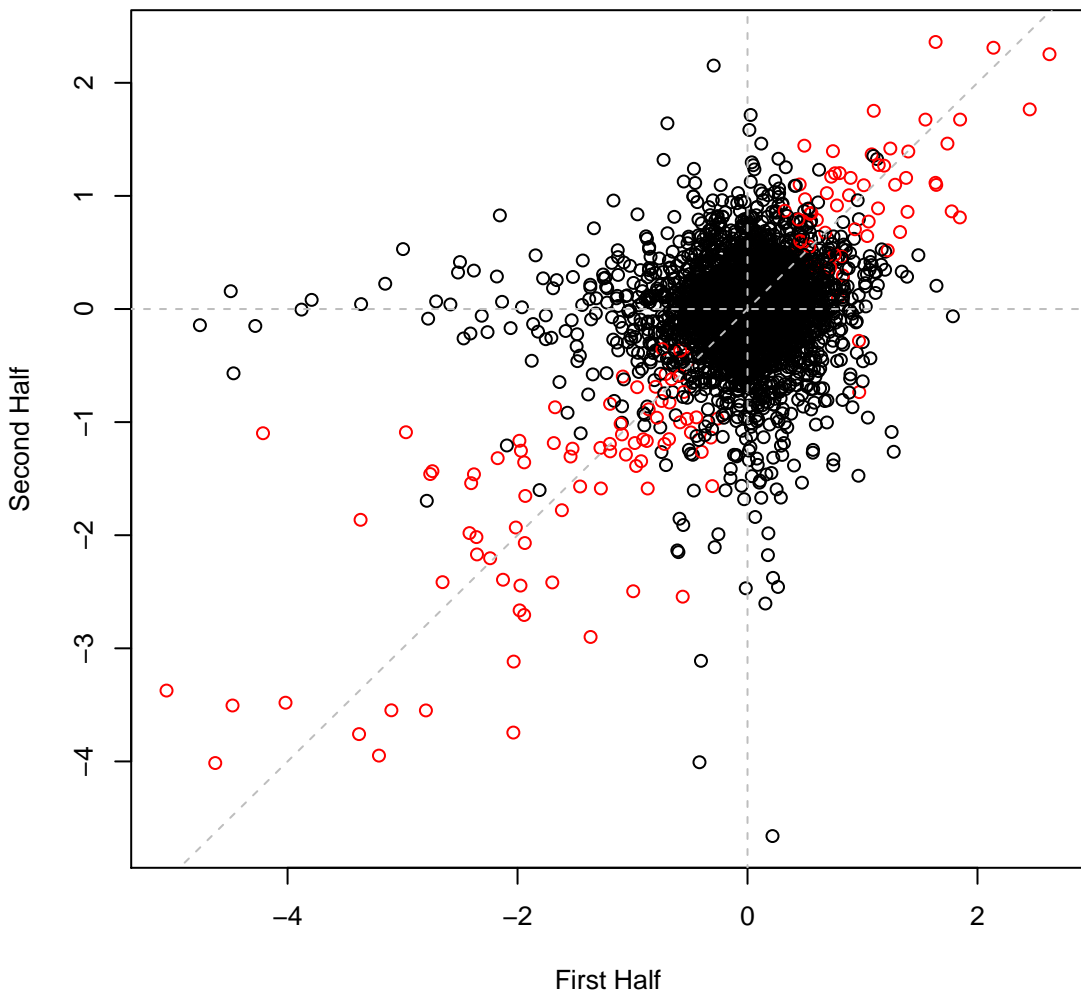
**Benzalkonium Chloride 0.016 mg/ml**



**pseudo6\_N2E2 set2IT041 #89 (gMed=248 rho12=0.193)**  
**Aluminum chloride 2 mM**

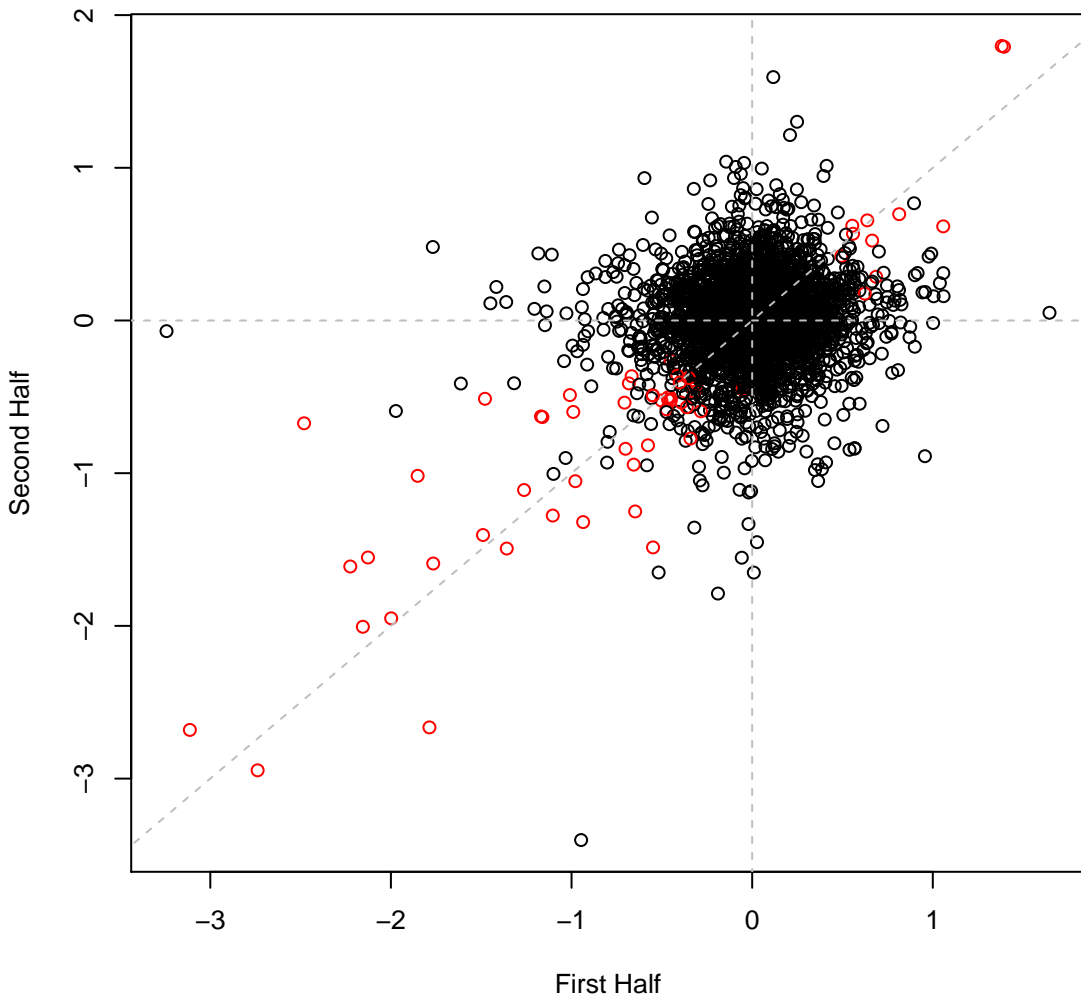


**pseudo6\_N2E2 set2IT042 #90 (gMed=248 rho12=0.181)**  
**Aluminum chloride 4 mM**

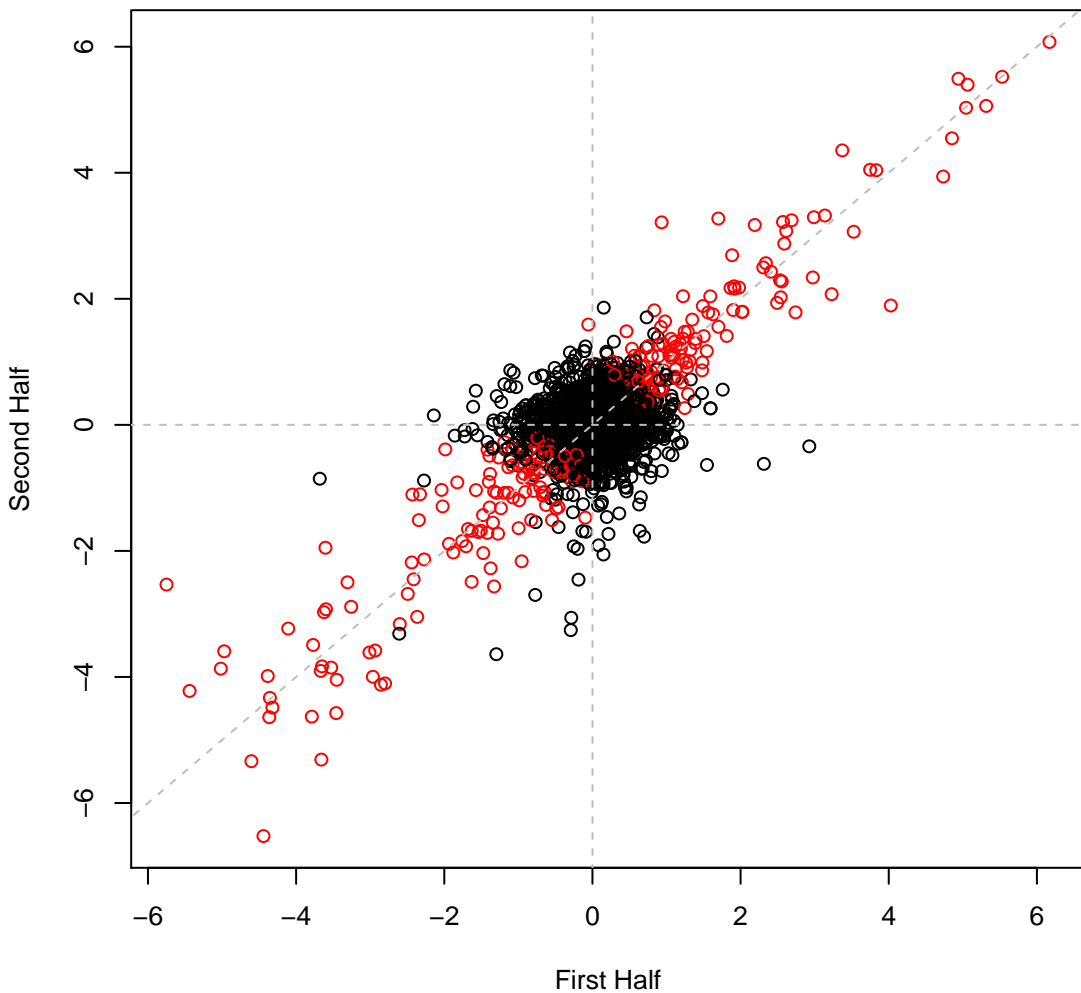




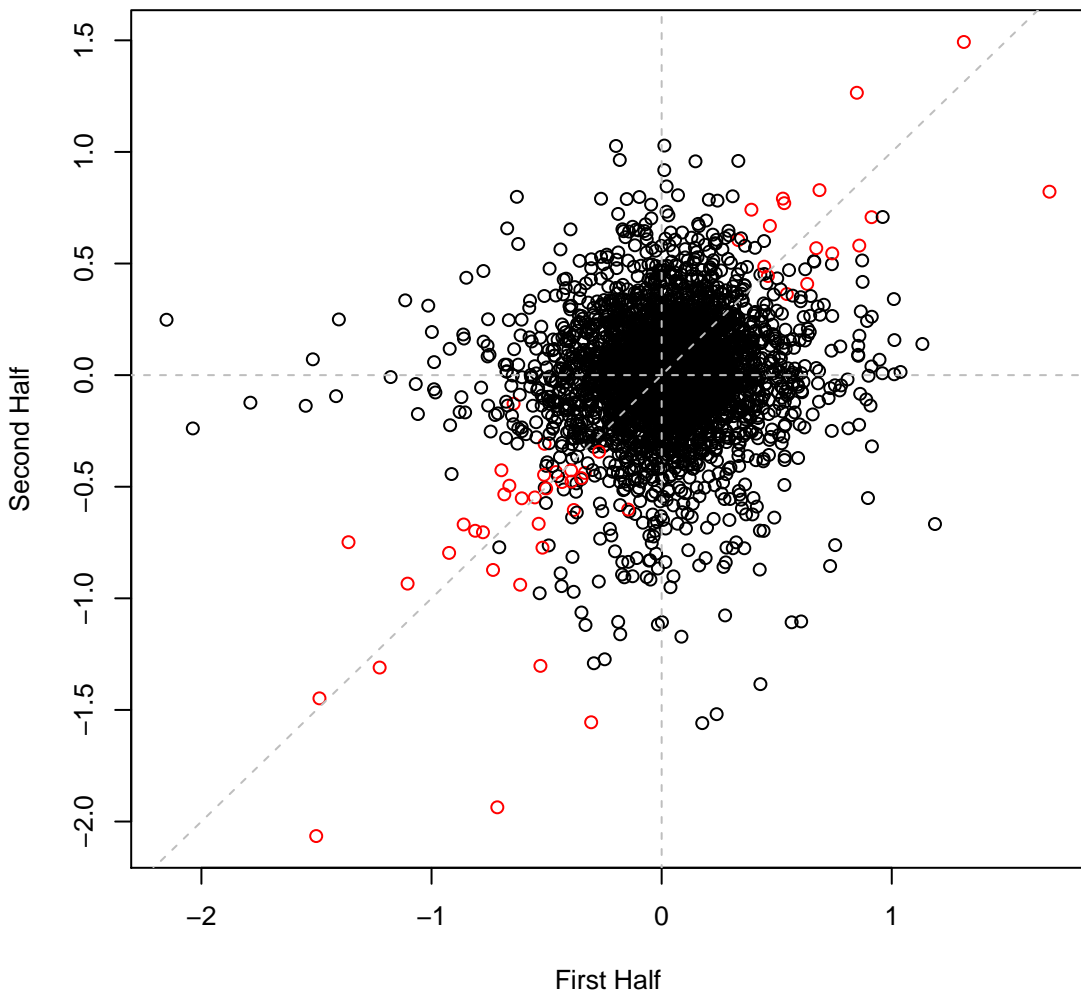
**pseudo6\_N2E2 set2IT043 #91 (gMed=236 rho12=0.120)**  
**benzoic 0.58 mg/ml**



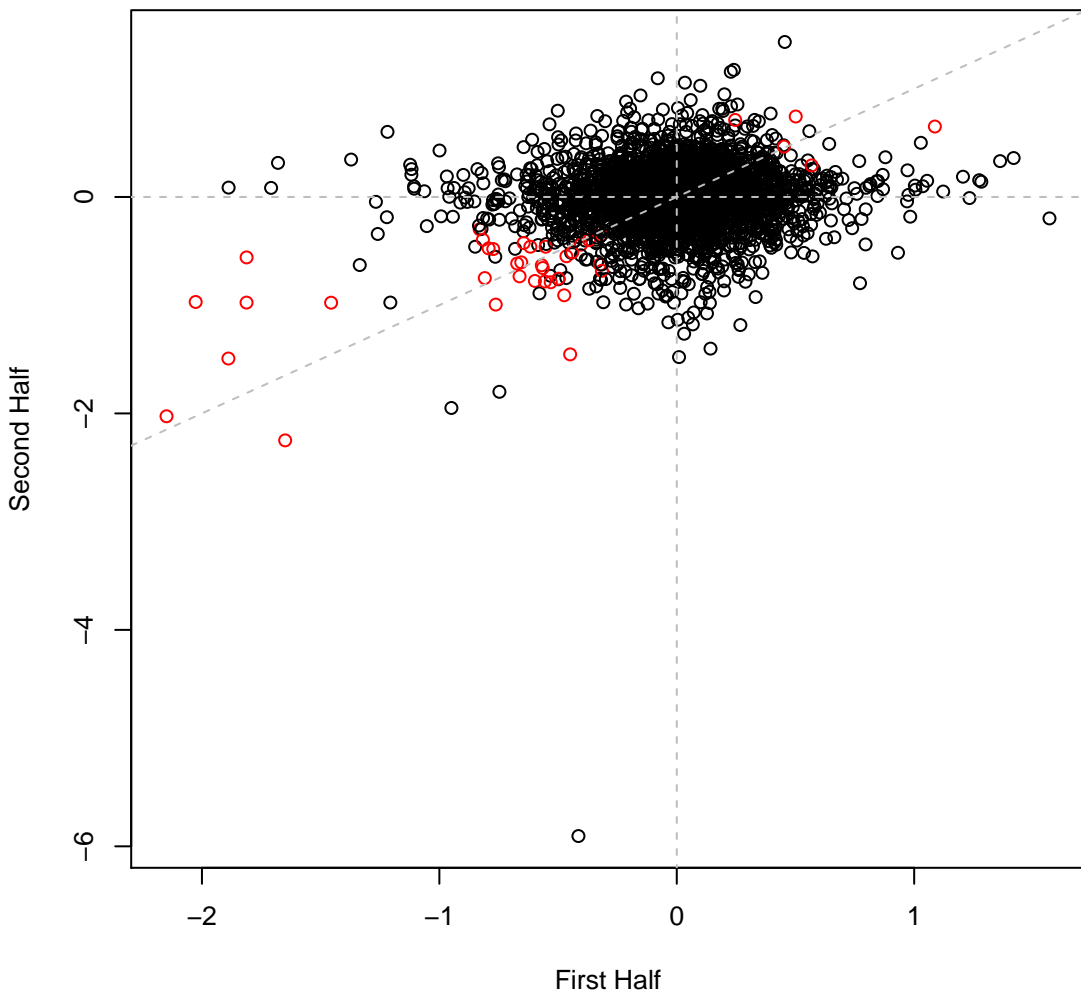
**pseudo6\_N2E2 set2IT044 #92 (gMed=224 rho12=0.288)**  
**Phosphomycin 0.004 mg/ml**



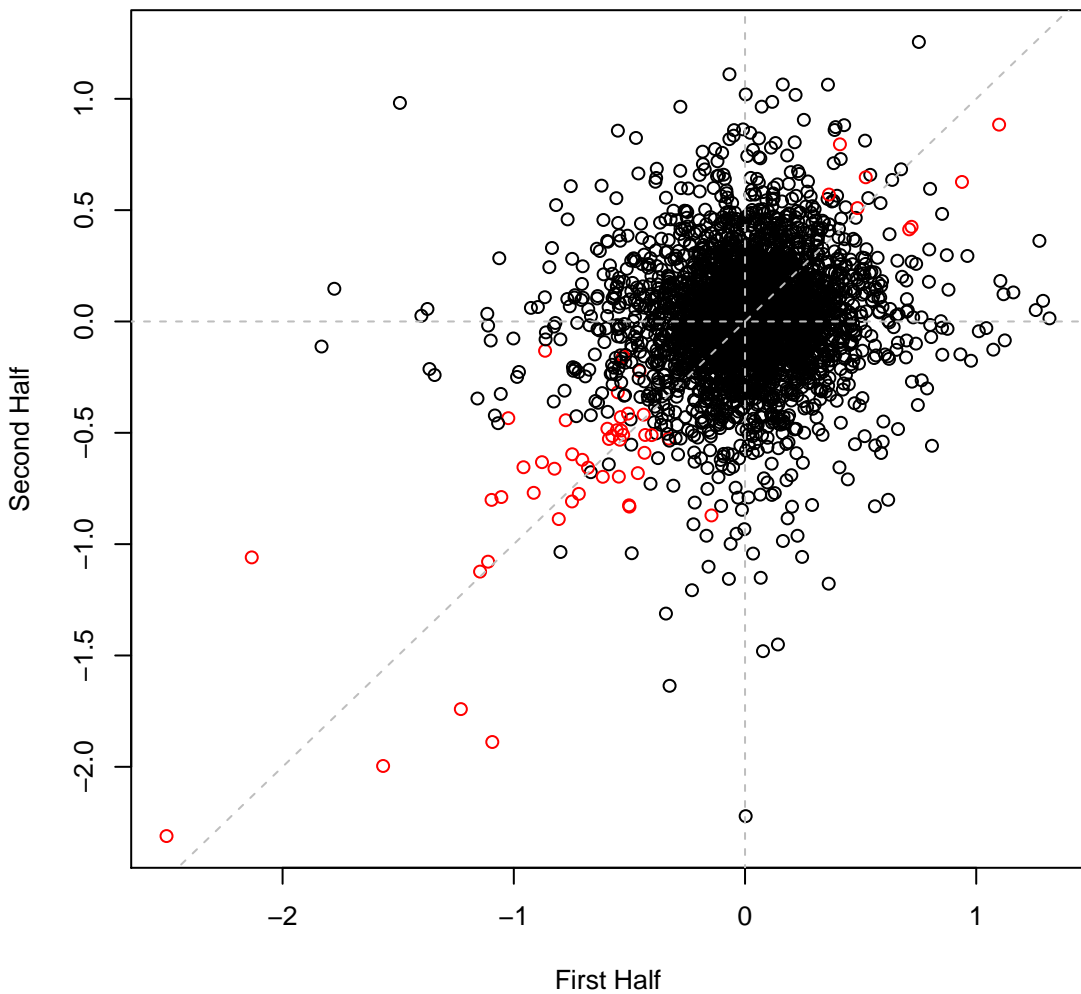
**pseudo6\_N2E2 set2IT045 #93 (gMed=248 rho12=0.108)**  
**Dimethyl Sulfoxide 5 vol%**



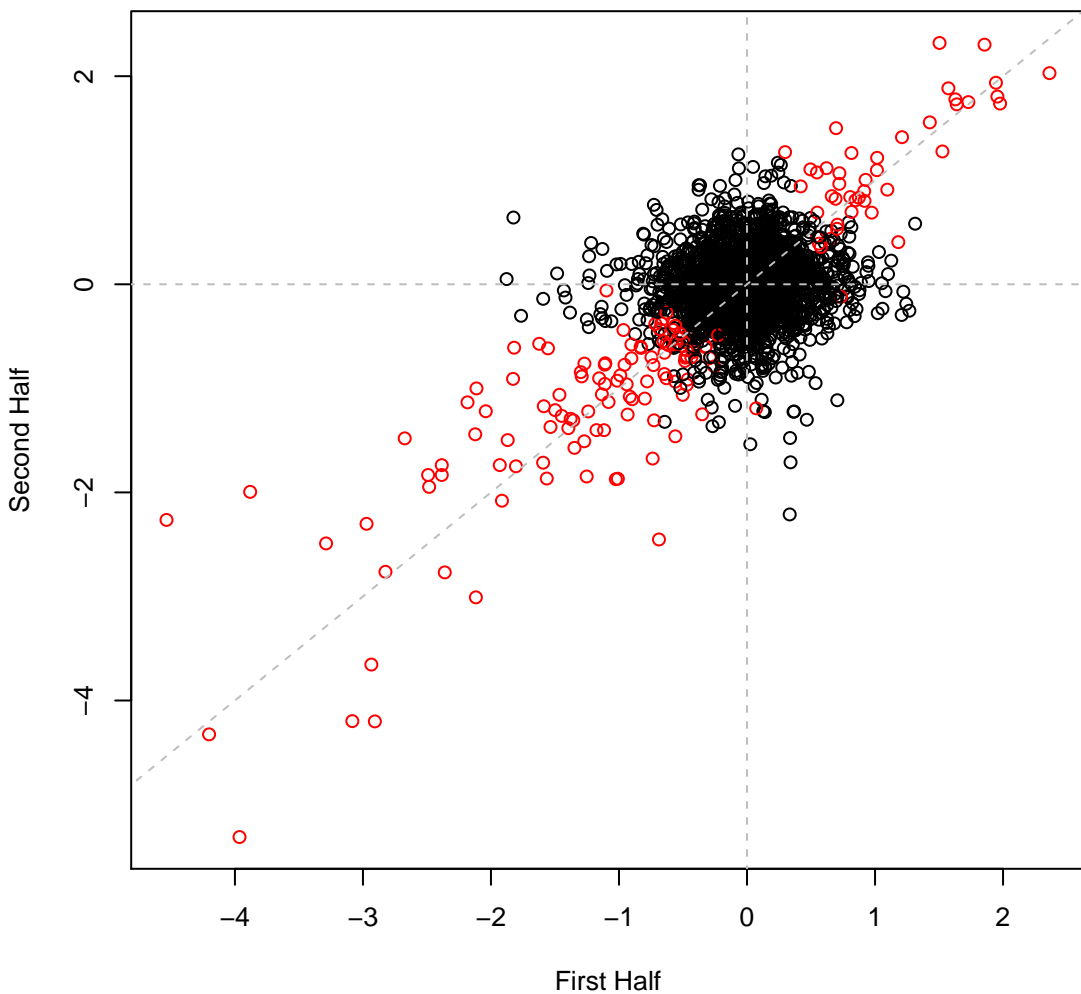
**pseudo6\_N2E2 set2IT046 #94 (gMed=213 rho12=0.092)**  
**Dimethyl Sulfoxide 7.5 vol%**



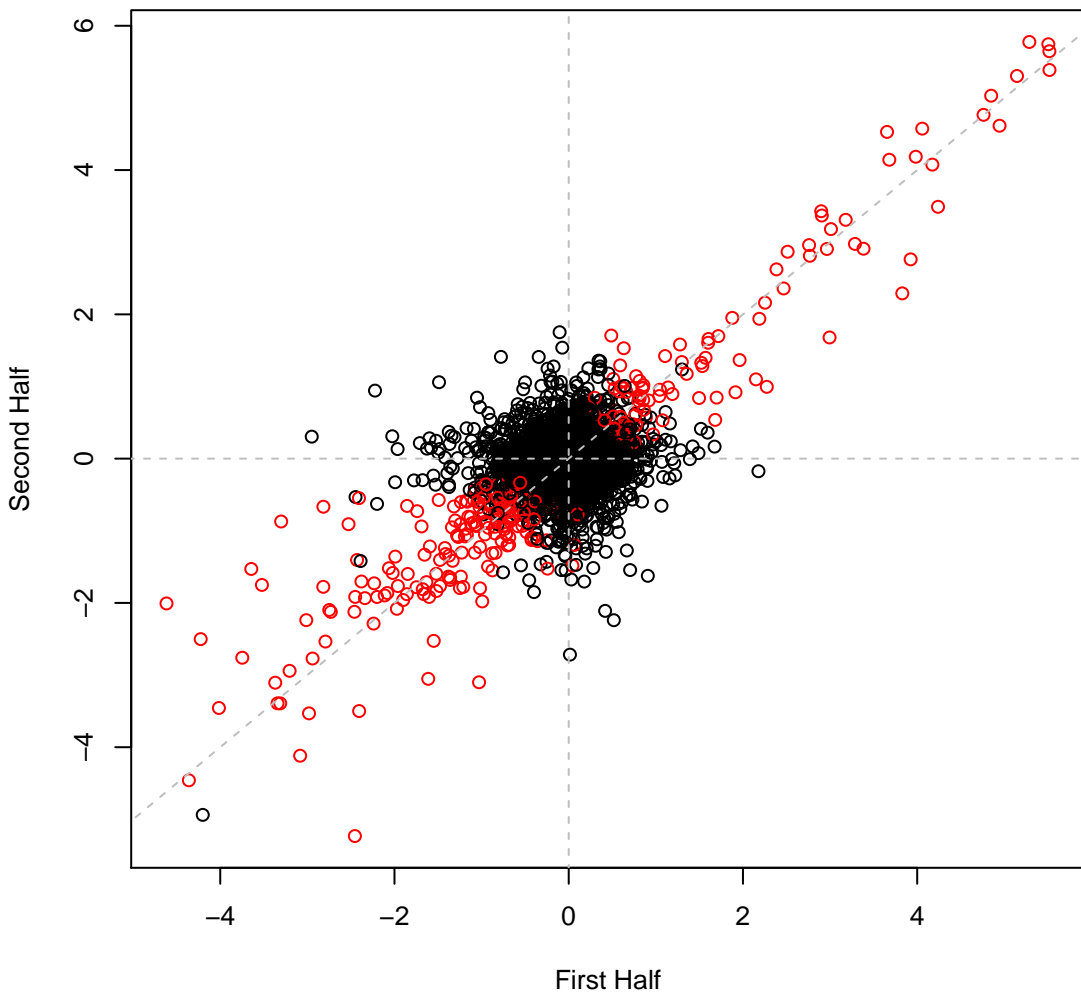
**pseudo6\_N2E2 set2IT047 #95 (gMed=235 rho12=0.118)**  
**LB**



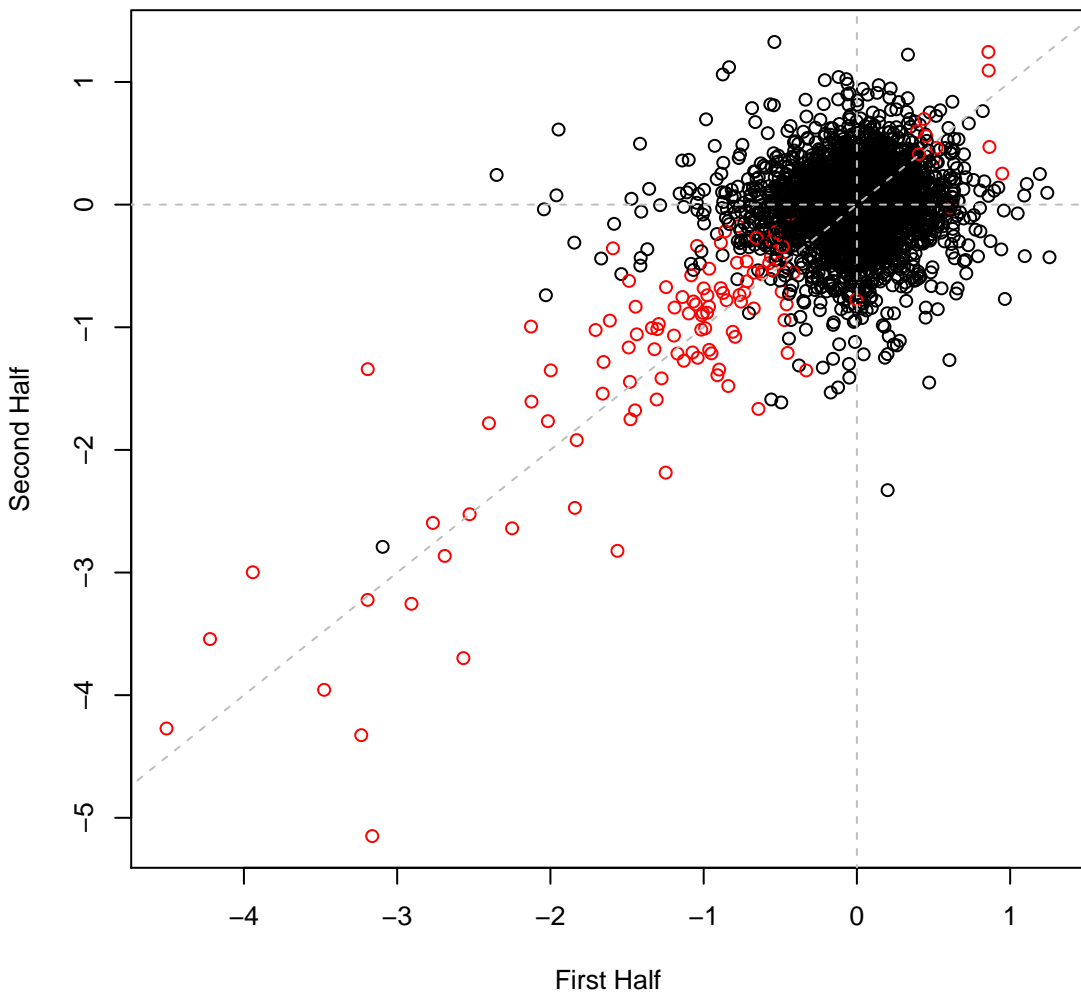
**pseudo6\_N2E2 set2IT048 #96 (gMed=234 rho12=0.210)**  
**Vancomycin 0.12 mg/ml**



**pseudo6\_N2E2 set3IT049 #97 (gMed=238 rho12=0.262)**  
**Vancomycin 0.24 mg/ml**

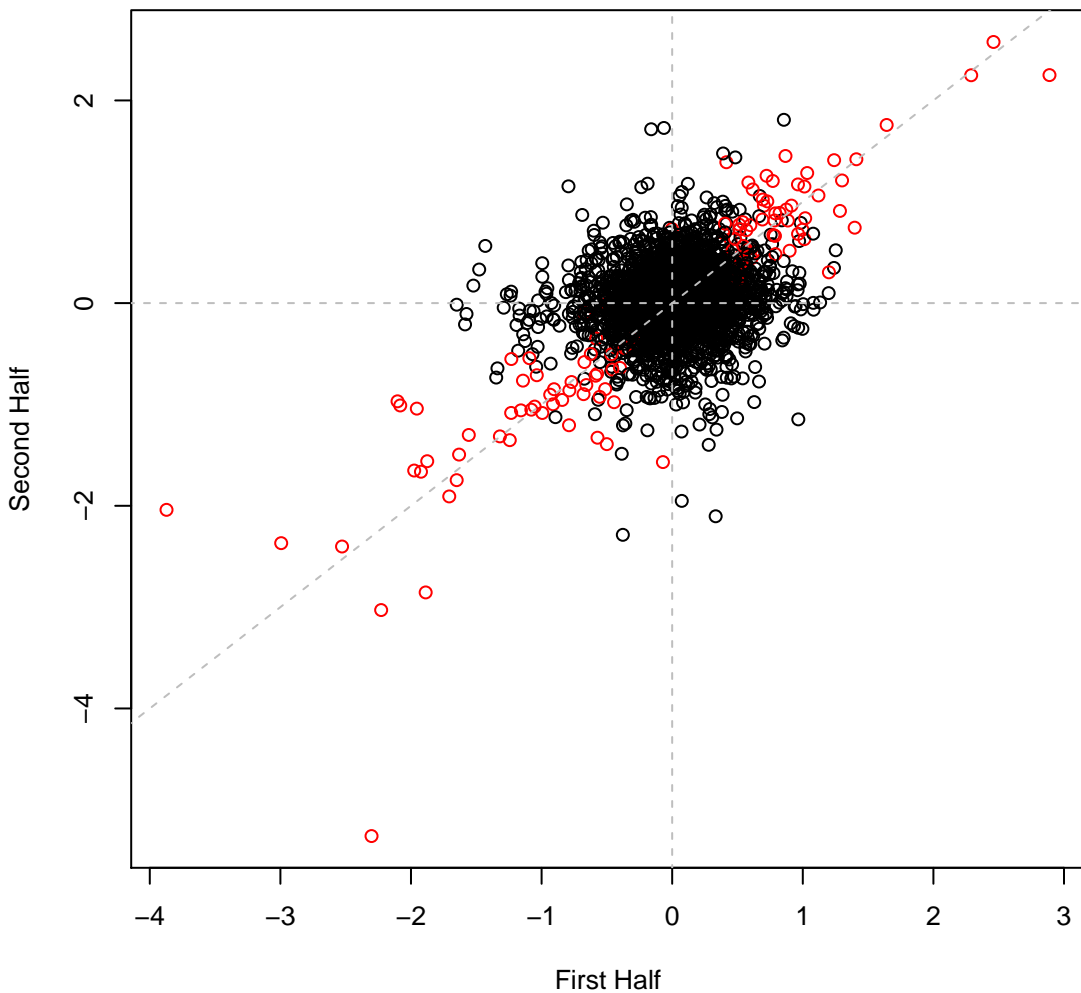


**pseudo6\_N2E2 set3IT050 #98 (gMed=257 rho12=0.131)**  
**Cephalothin 4 mg/ml**

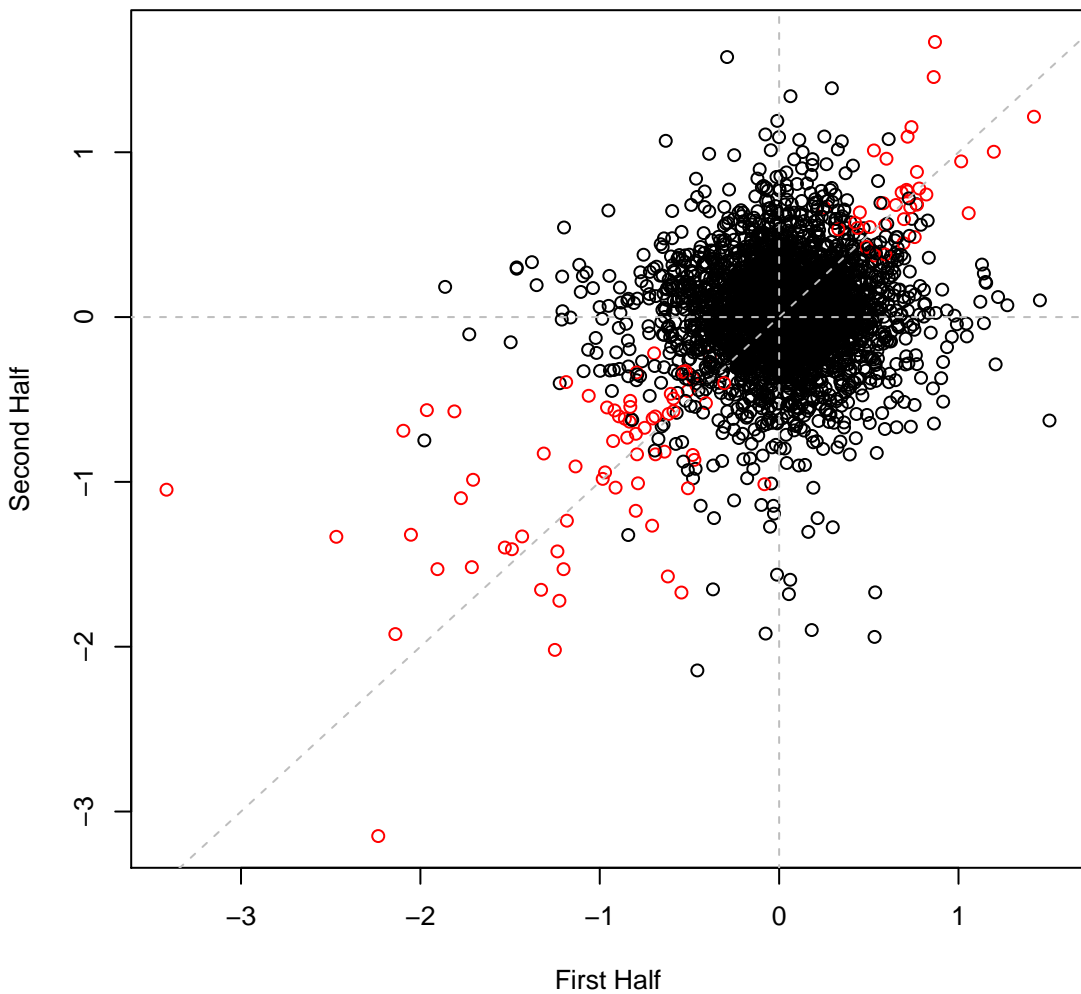




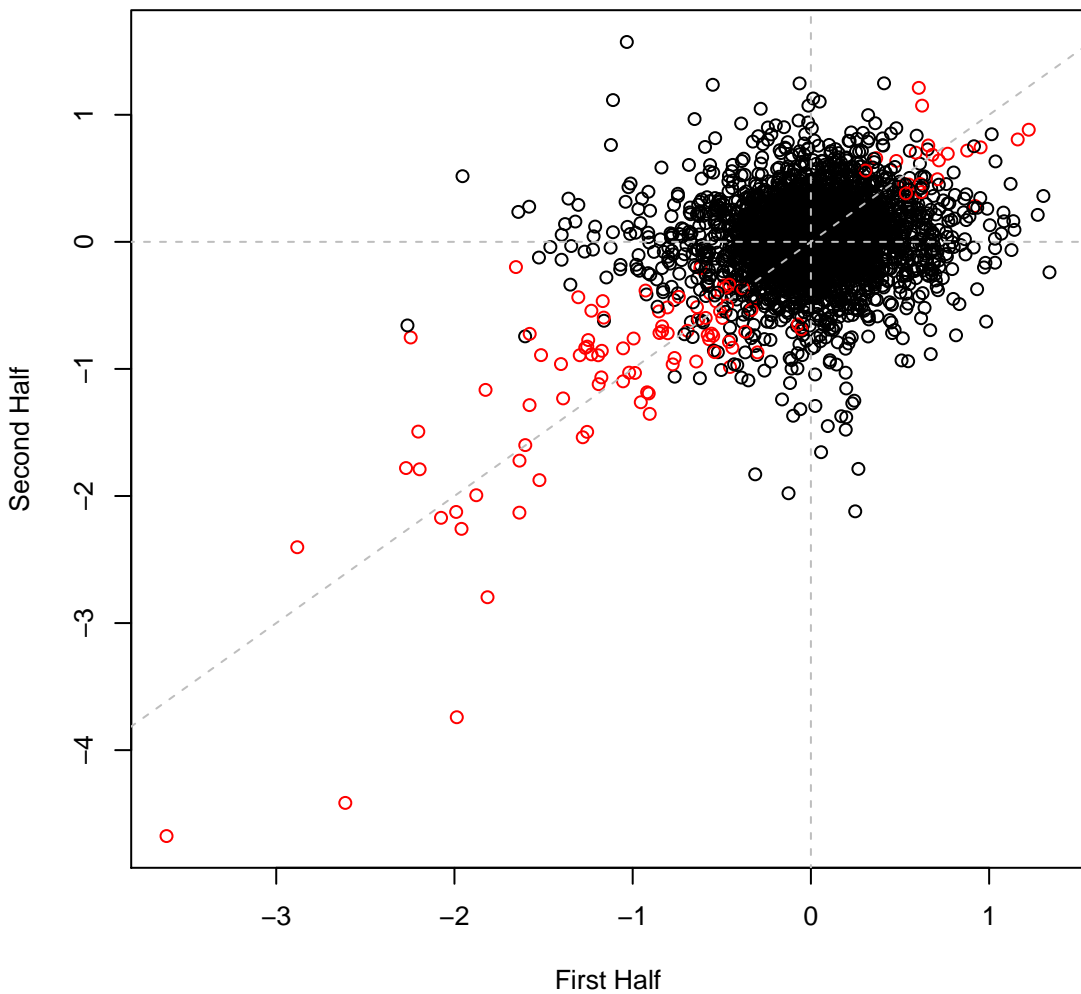
**pseudo6\_N2E2 set3IT051 #99 (gMed=284 rho12=0.205)**  
**A22 0.002 mg/ml**



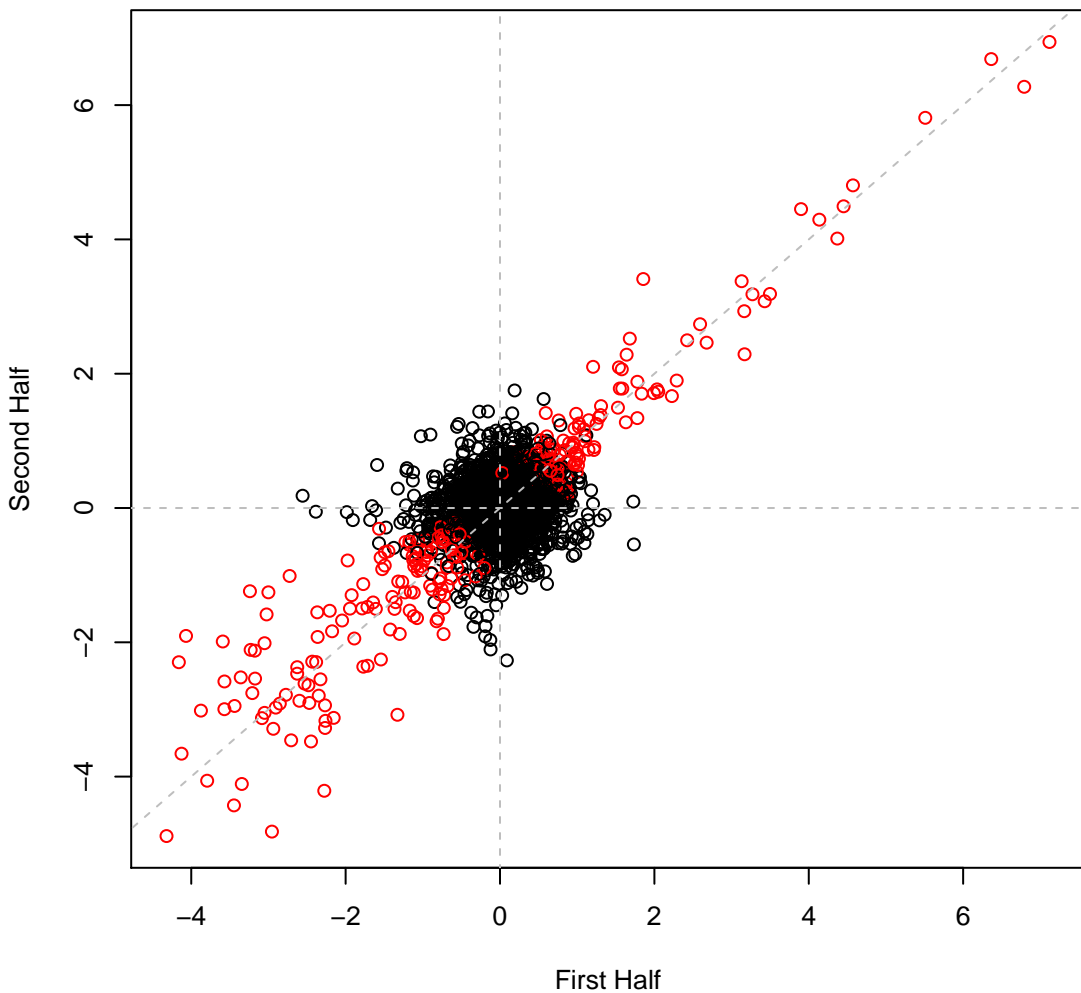
**pseudo6\_N2E2 set3IT052 #100 (gMed=238 rho12=0.111)**  
**D-Cycloserine 0.06 mg/ml**



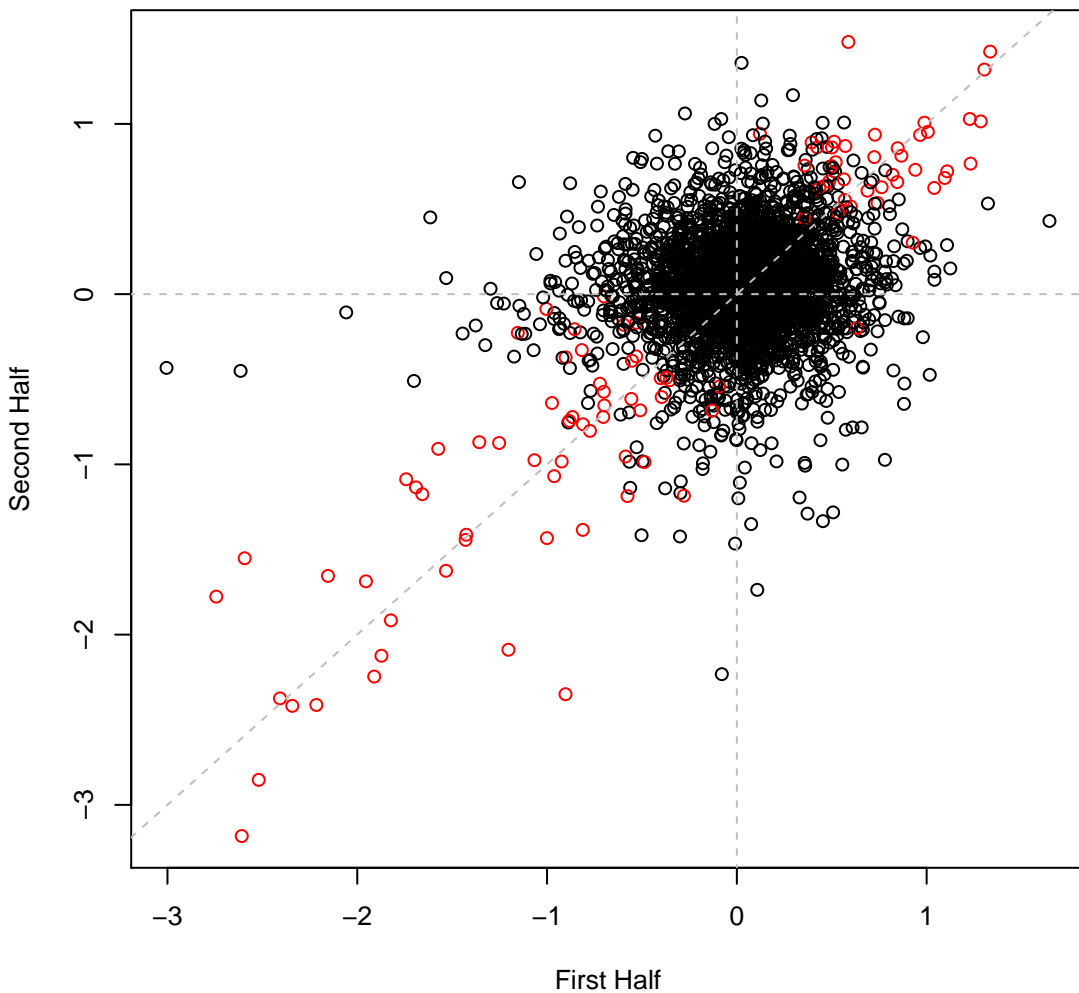
**pseudo6\_N2E2 set3IT053 #101 (gMed=256 rho12=0.151)**  
**D-Cycloserine 0.12 mg/ml**



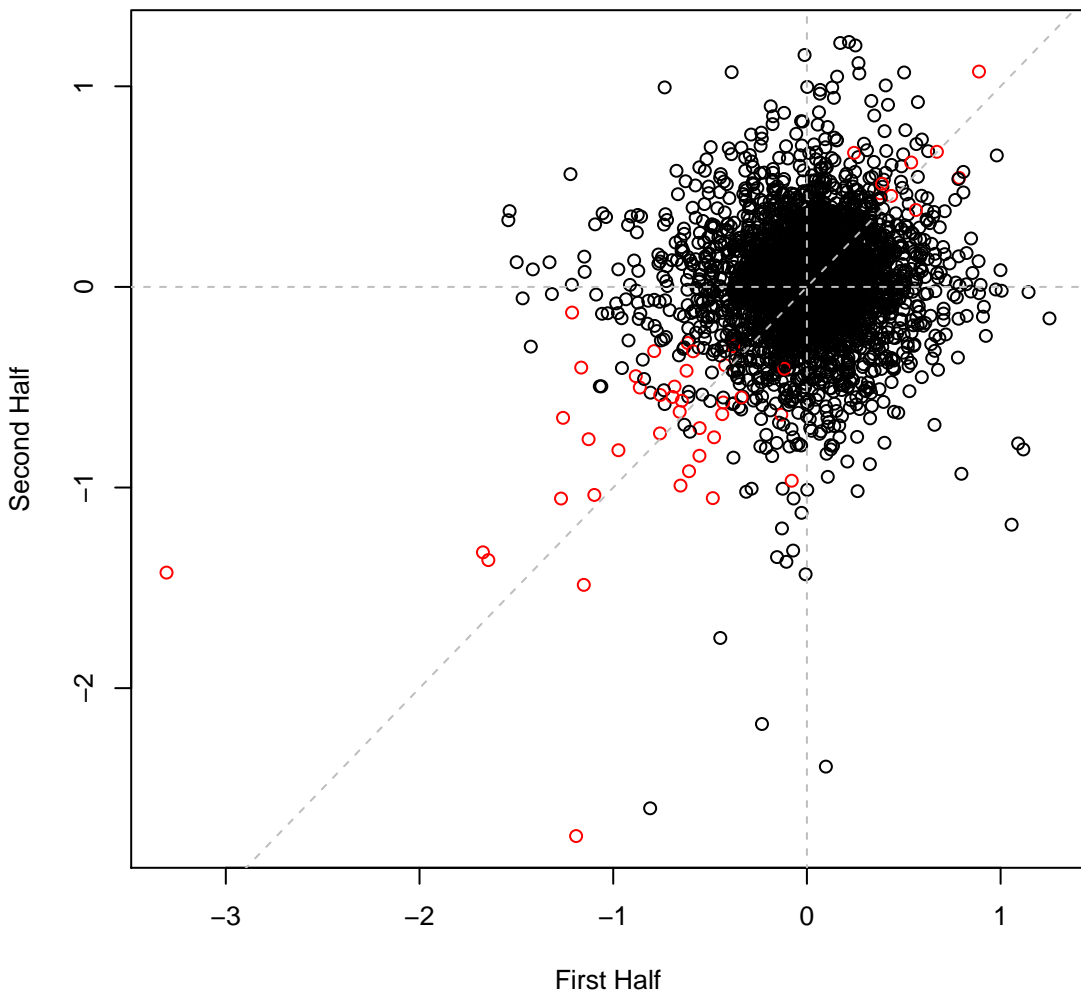
**pseudo6\_N2E2 set3IT054 #102 (gMed=257 rho12=0.304)**  
**Doxycycline hyclate 0.0001 mg/ml**



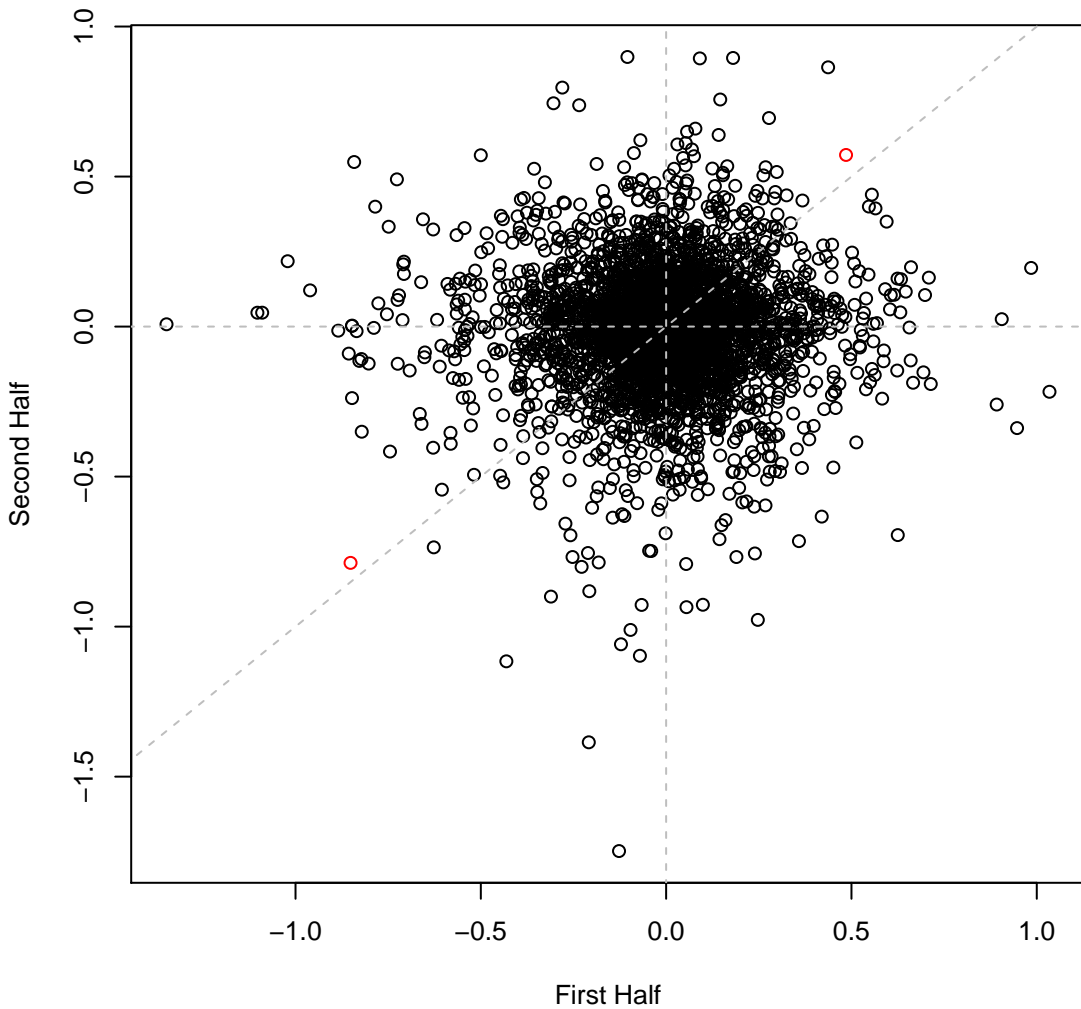
**pseudo6\_N2E2 set3IT055 #103 (gMed=276 rho12=0.150)**  
**Ceftazidime 0.15 mg/ml**



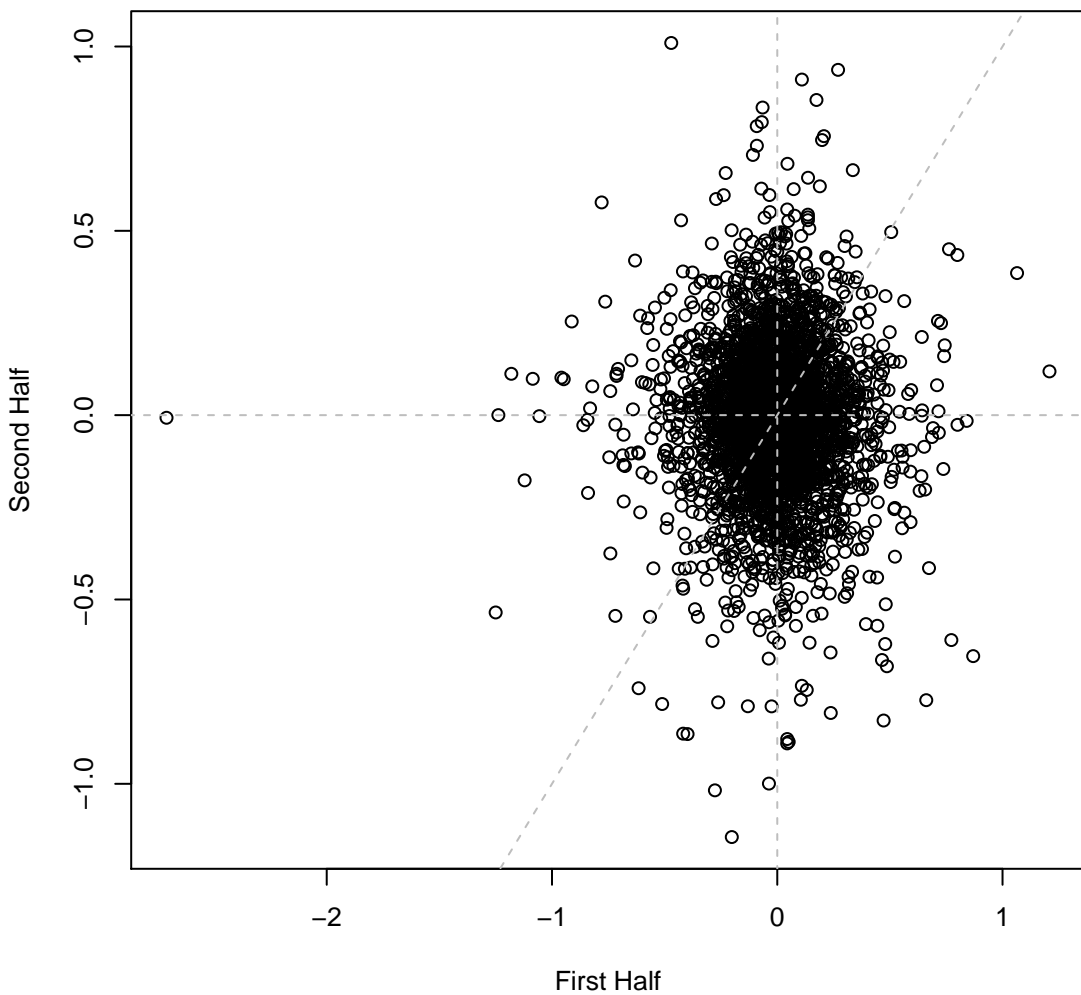
**pseudo6\_N2E2 set3IT056 #104 (gMed=285 rho12=0.079)**  
**LB**



**pseudo6\_N2E2 set3IT058 #106 (gMed=254 rho12=0.007)**  
**Time0**

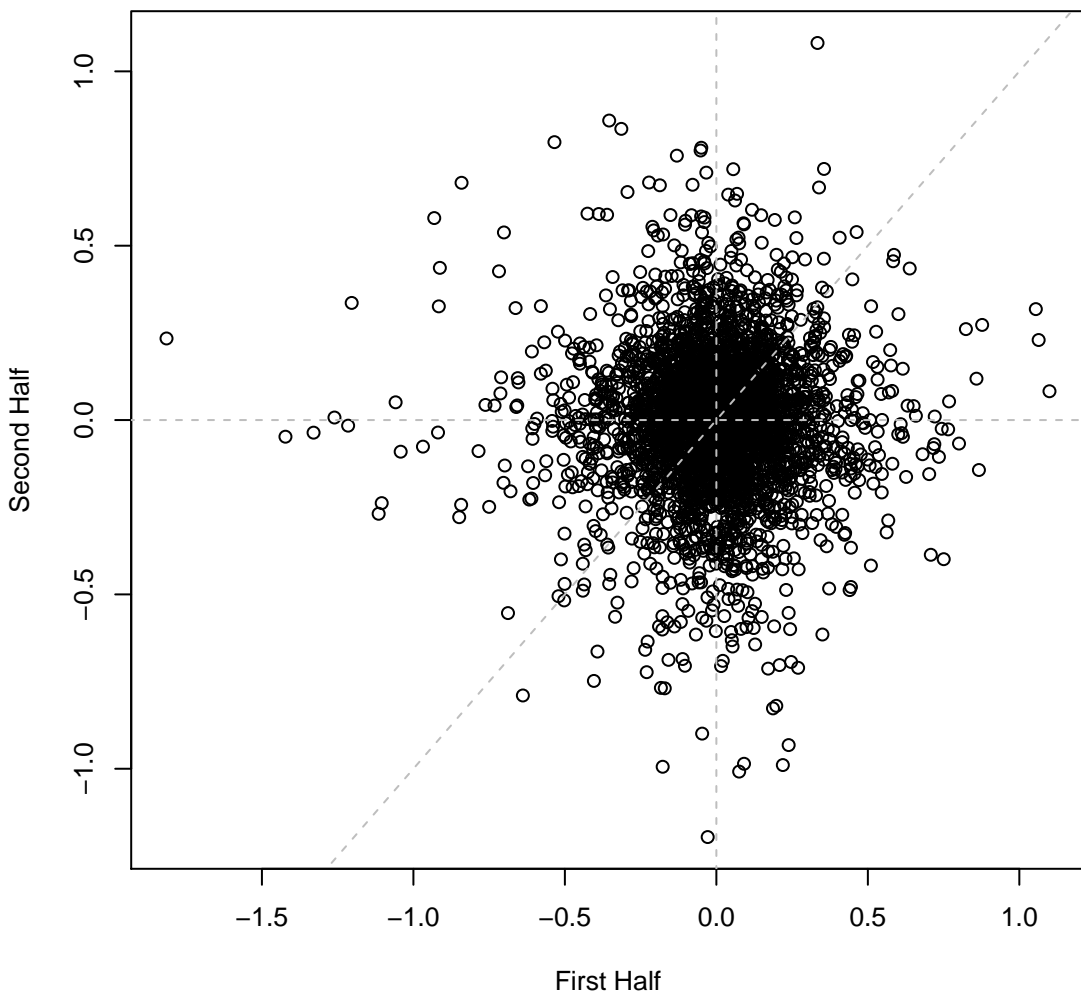


**pseudo6\_N2E2 set3IT059 #107 (gMed=268 rho12=-0.006)**  
**Time0**

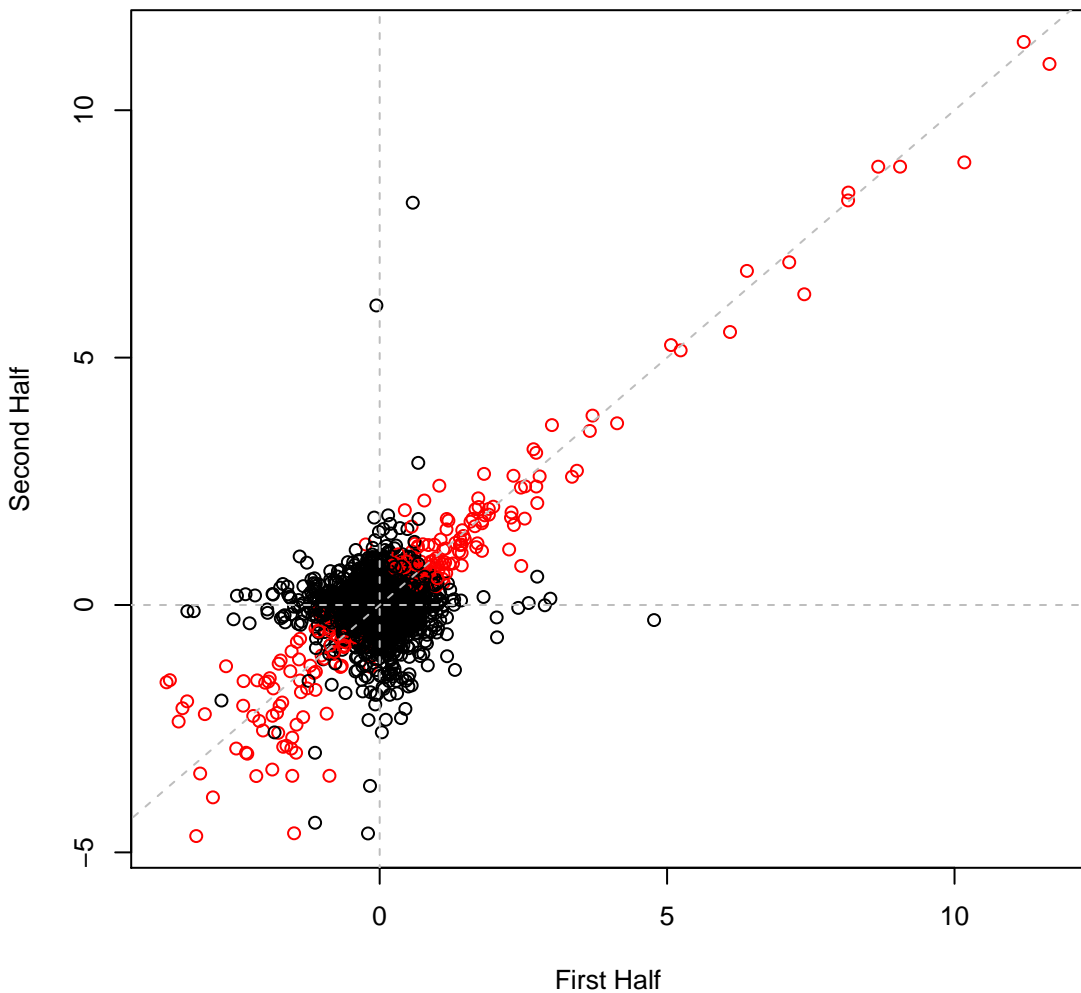




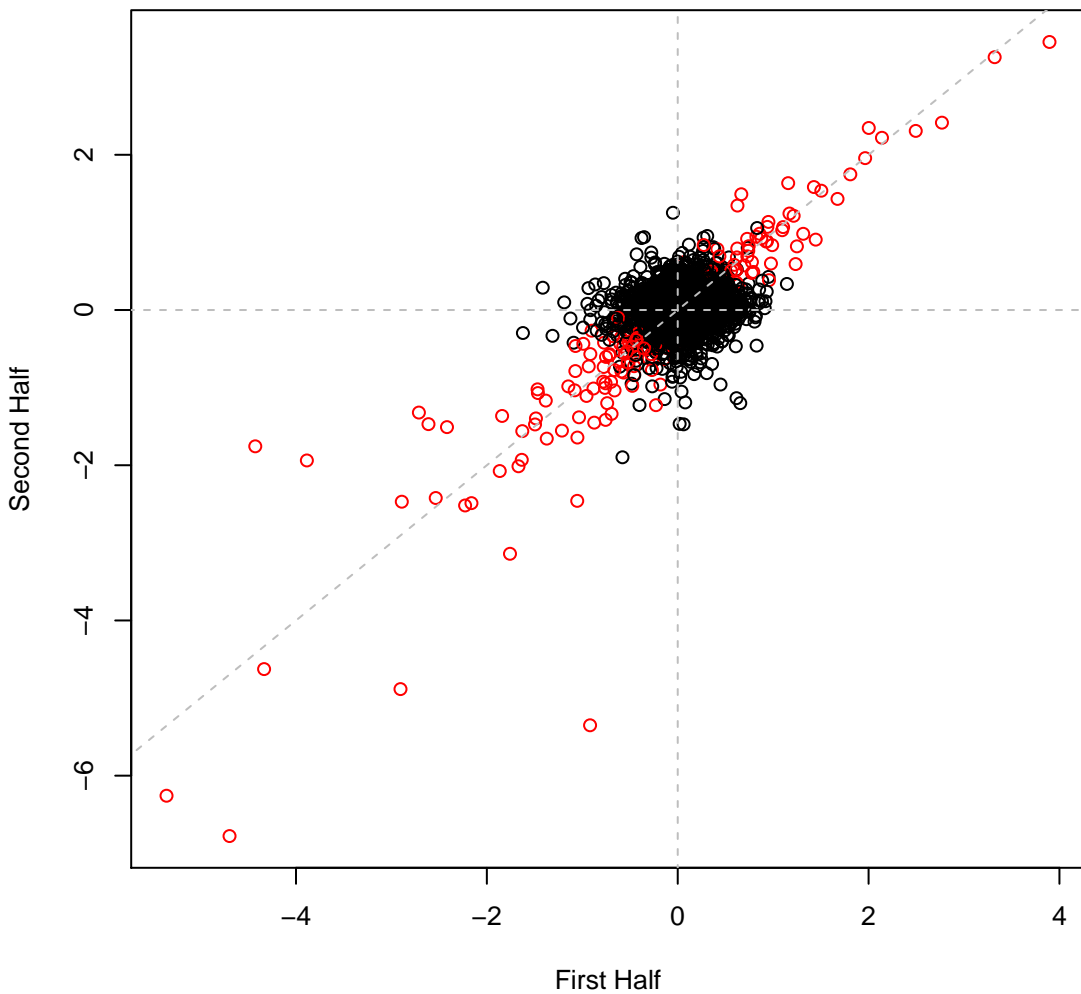
**pseudo6\_N2E2 set3IT060 #108 (gMed=247 rho12=0.003)**  
**Time0**



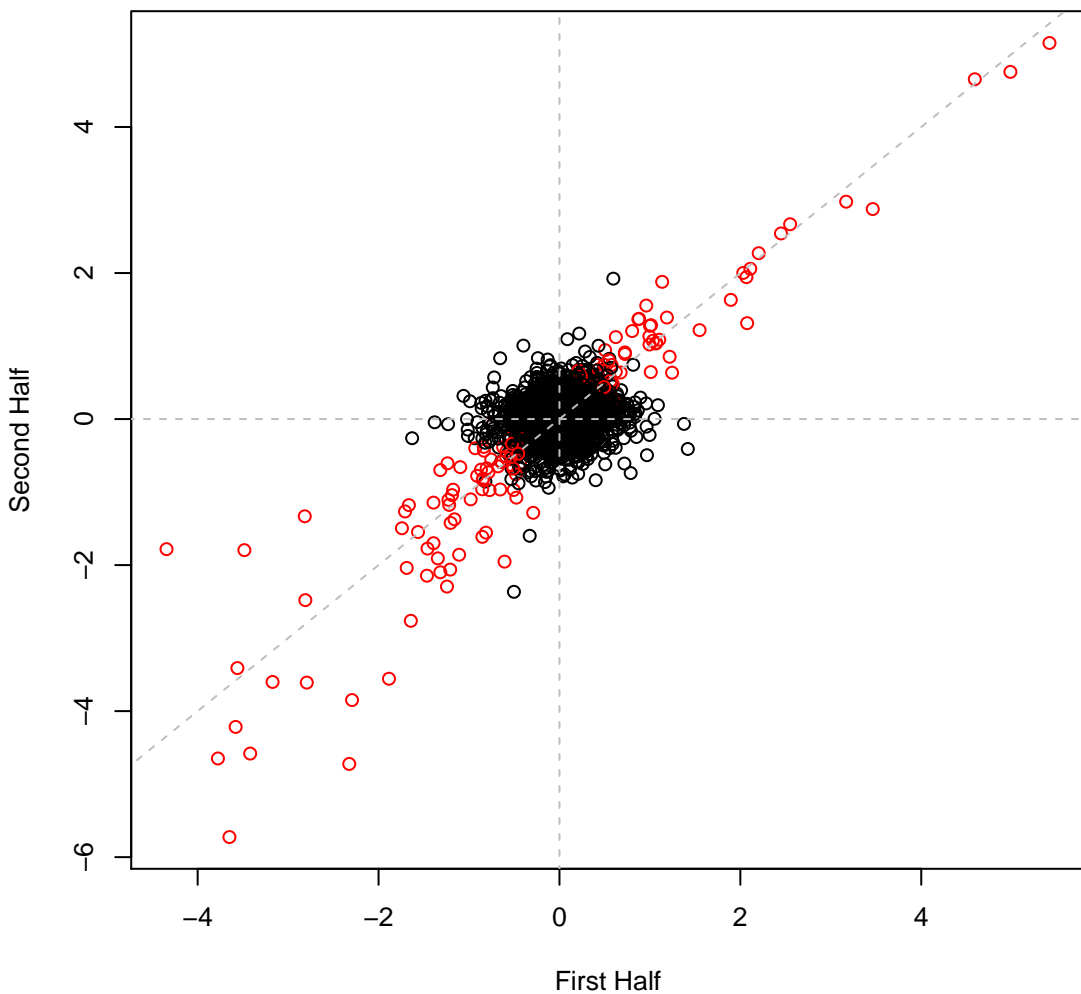
**pseudo6\_N2E2 set3IT061 #109 (gMed=89 rho12=0.225)**  
**Rifampicin 0.003 mg/ml**



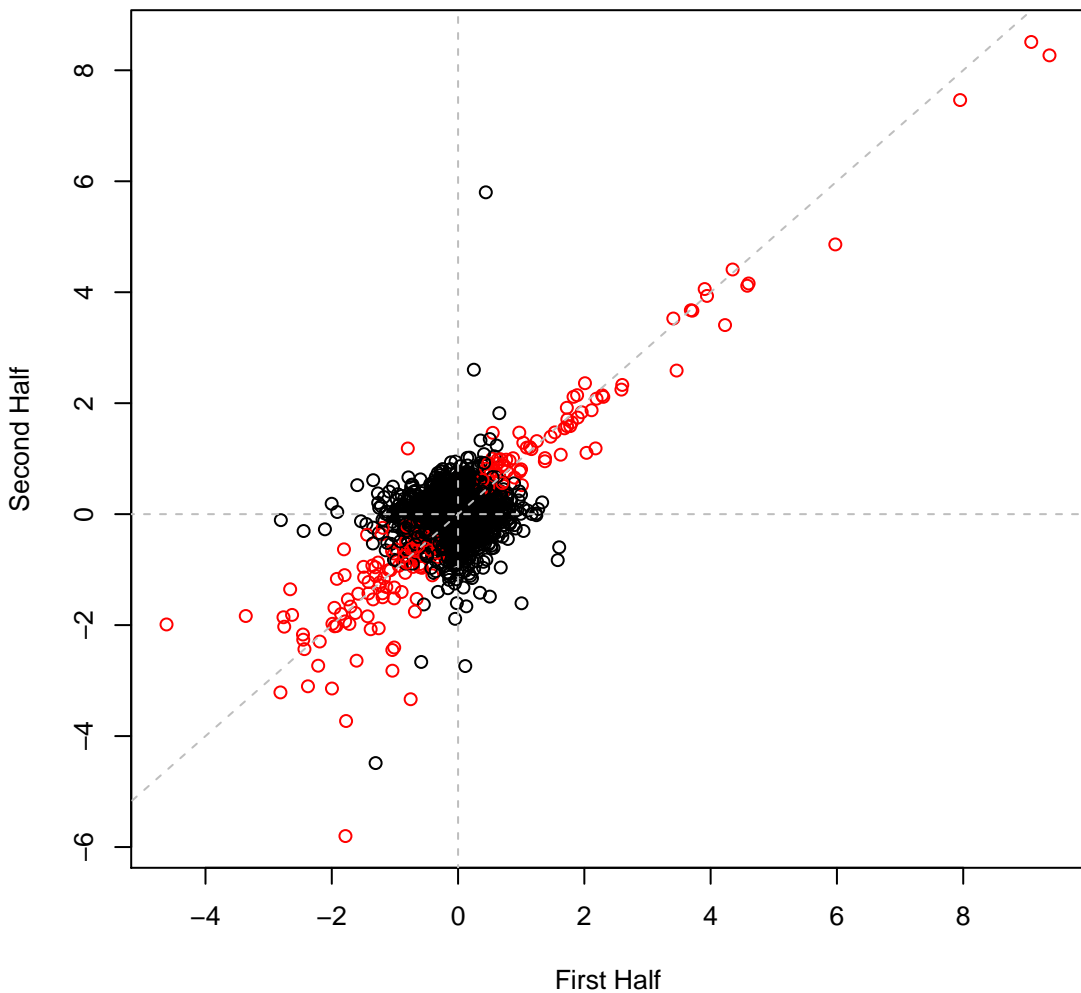
**pseudo6\_N2E2 set3IT062 #110 (gMed=333 rho12=0.211)**  
**Chloramphenicol 0.002 mg/ml**



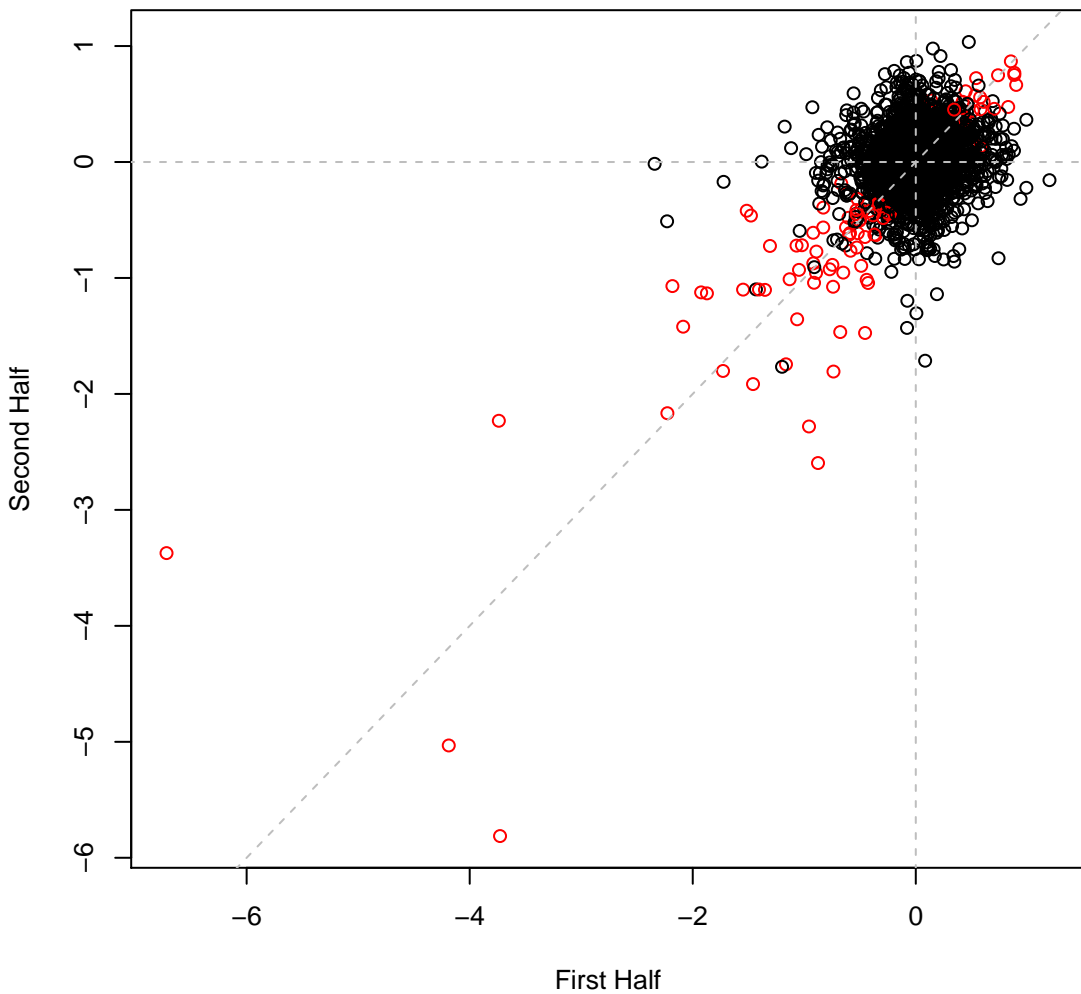
**pseudo6\_N2E2 set3IT063 #111 (gMed=284 rho12=0.209)**  
**Chloramphenicol 0.004 mg/ml**



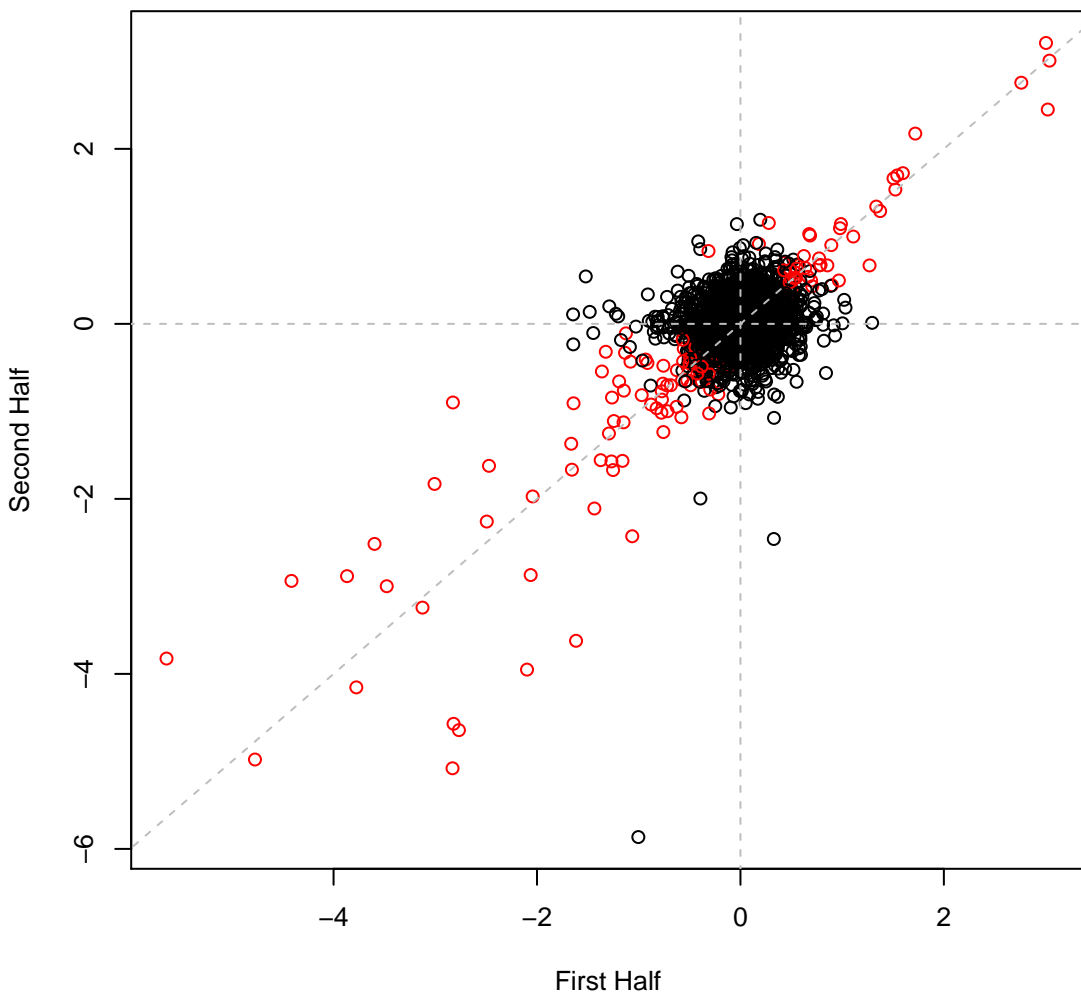
**pseudo6\_N2E2 set3IT064 #112 (gMed=152 rho12=0.244)**  
**Chloramphenicol 0.008 mg/ml**



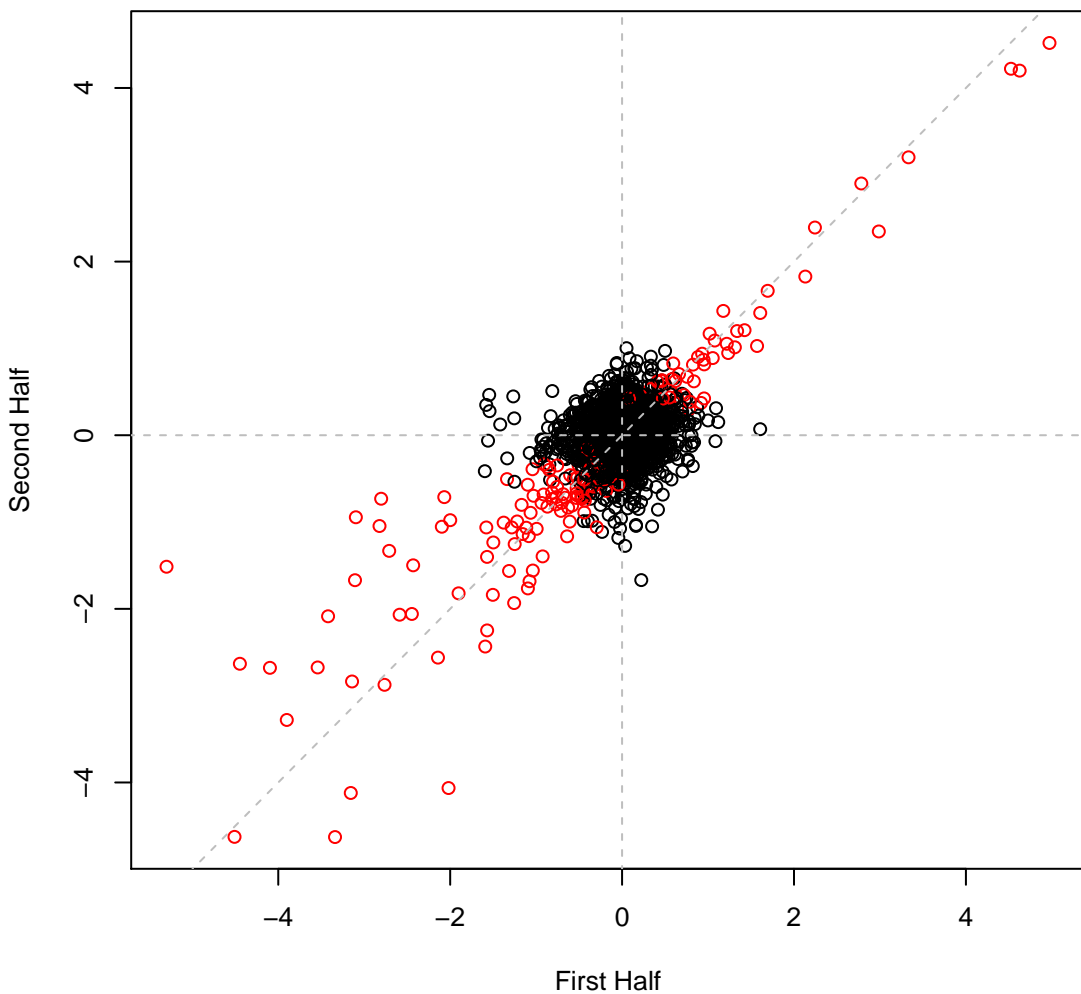
**Tetracycline 0.0001 mg/ml**



**pseudo6\_N2E2 set3IT066 #114 (gMed=255 rho12=0.216)**  
**Tetracycline 0.0002 mg/ml**

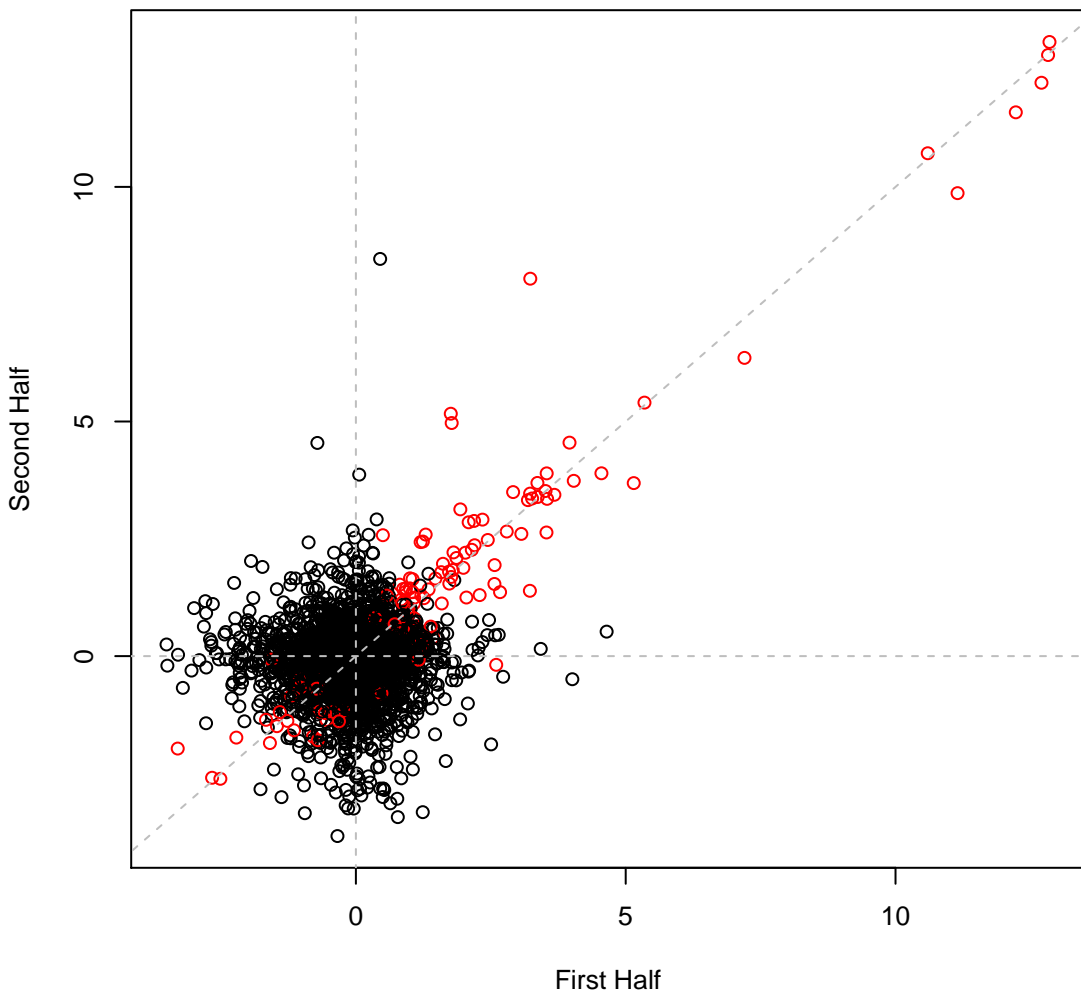


**pseudo6\_N2E2 set3IT067 #115 (gMed=265 rho12=0.240)**  
**Spectinomycin 0.0125 mg/ml**

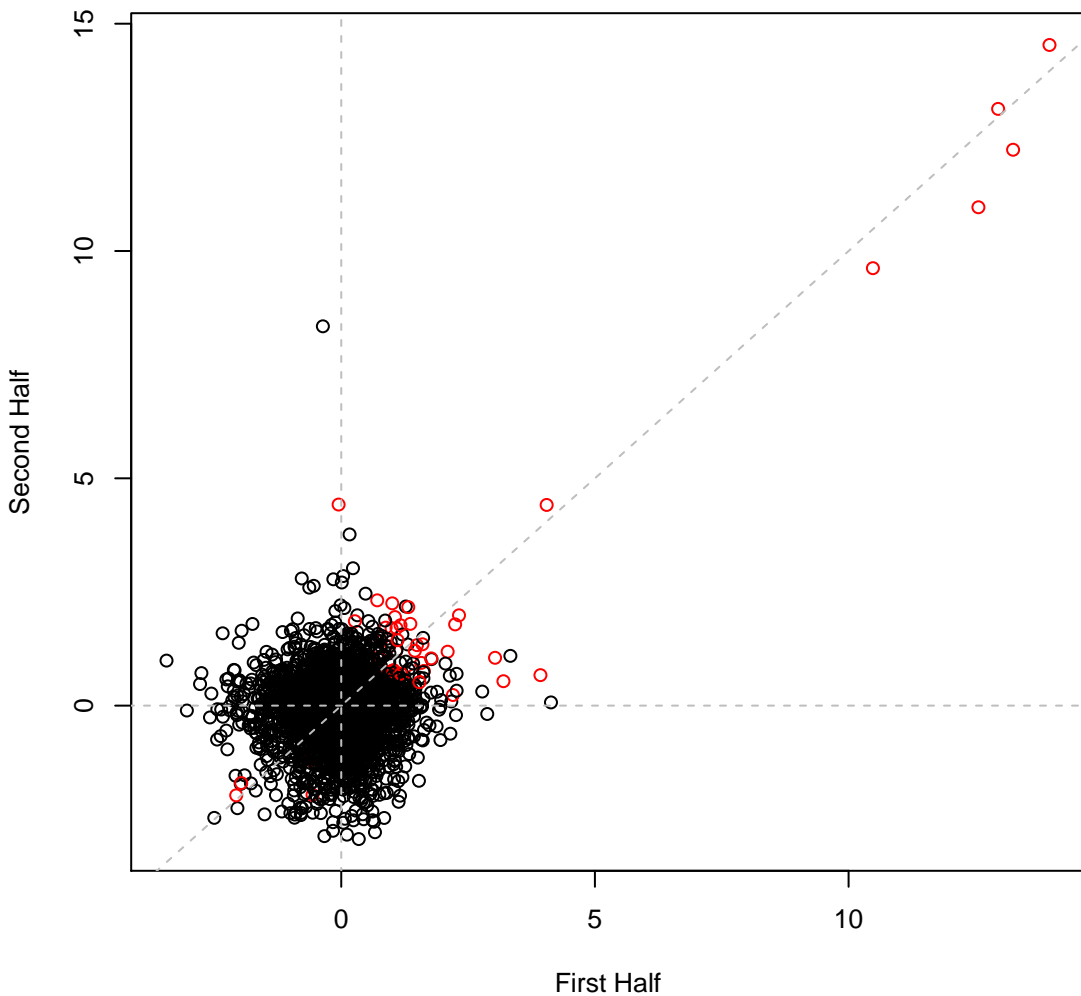




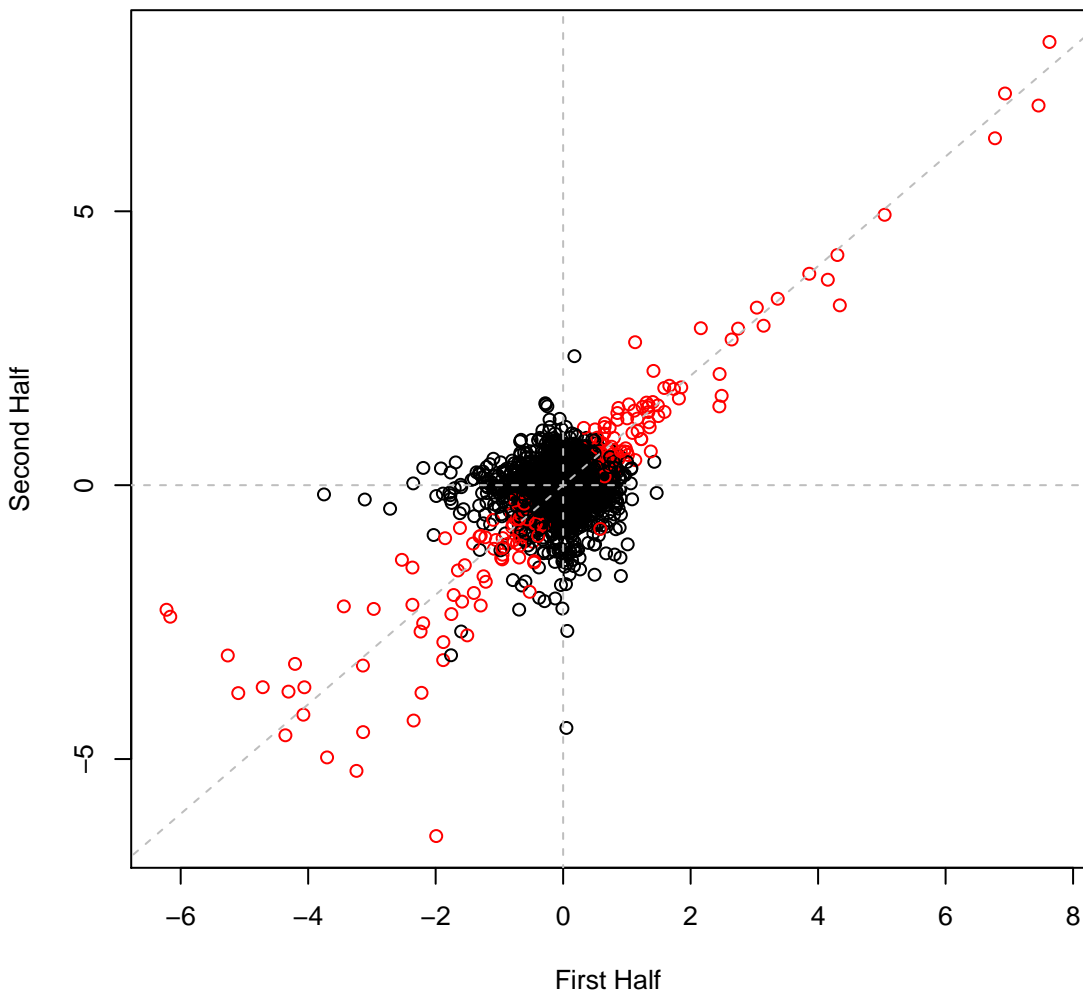
**pseudo6\_N2E2 set3IT068 #116 (gMed=21 rho12=0.129)**  
**Carbenicillin 0.5 mg/ml**



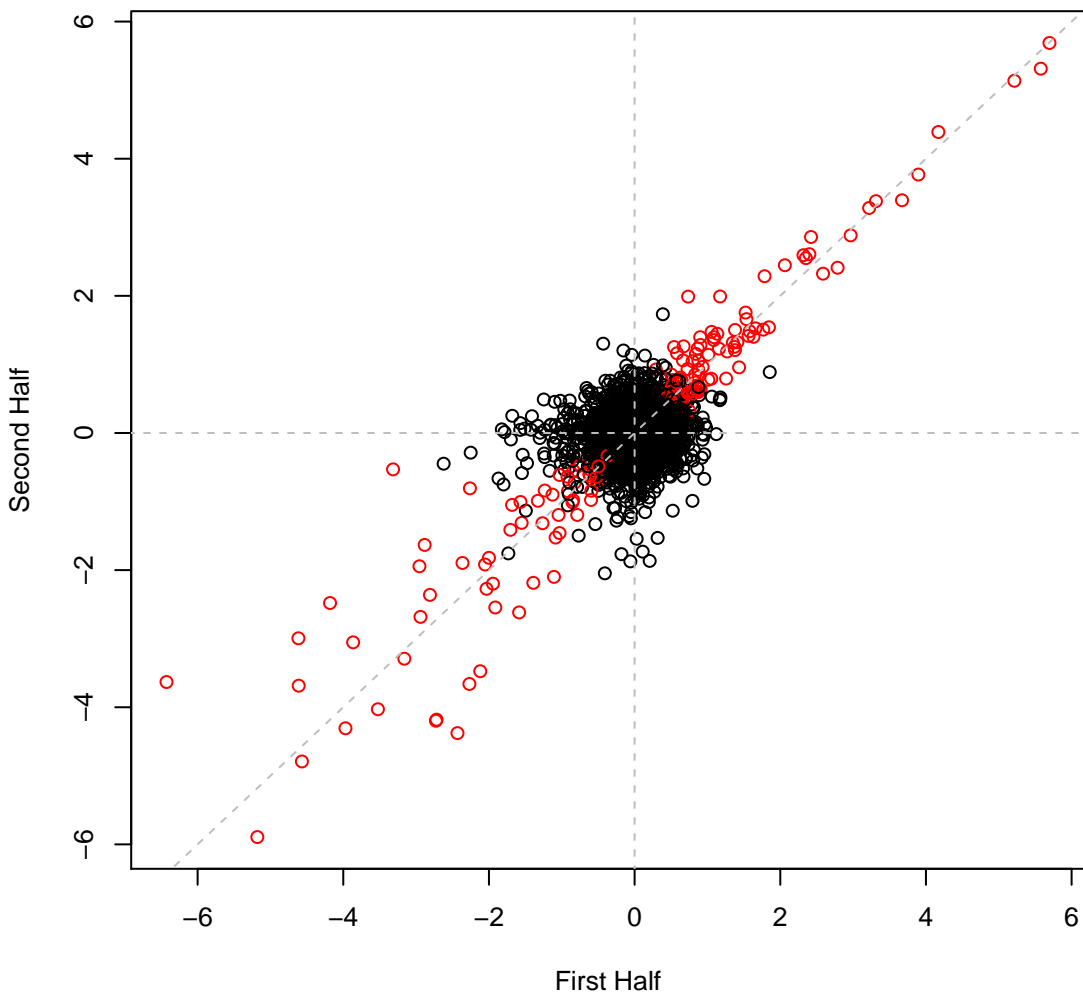
**pseudo6\_N2E2 set3IT069 #117 (gMed=10 rho12=0.042)**  
**Carbenicillin 1 mg/ml**



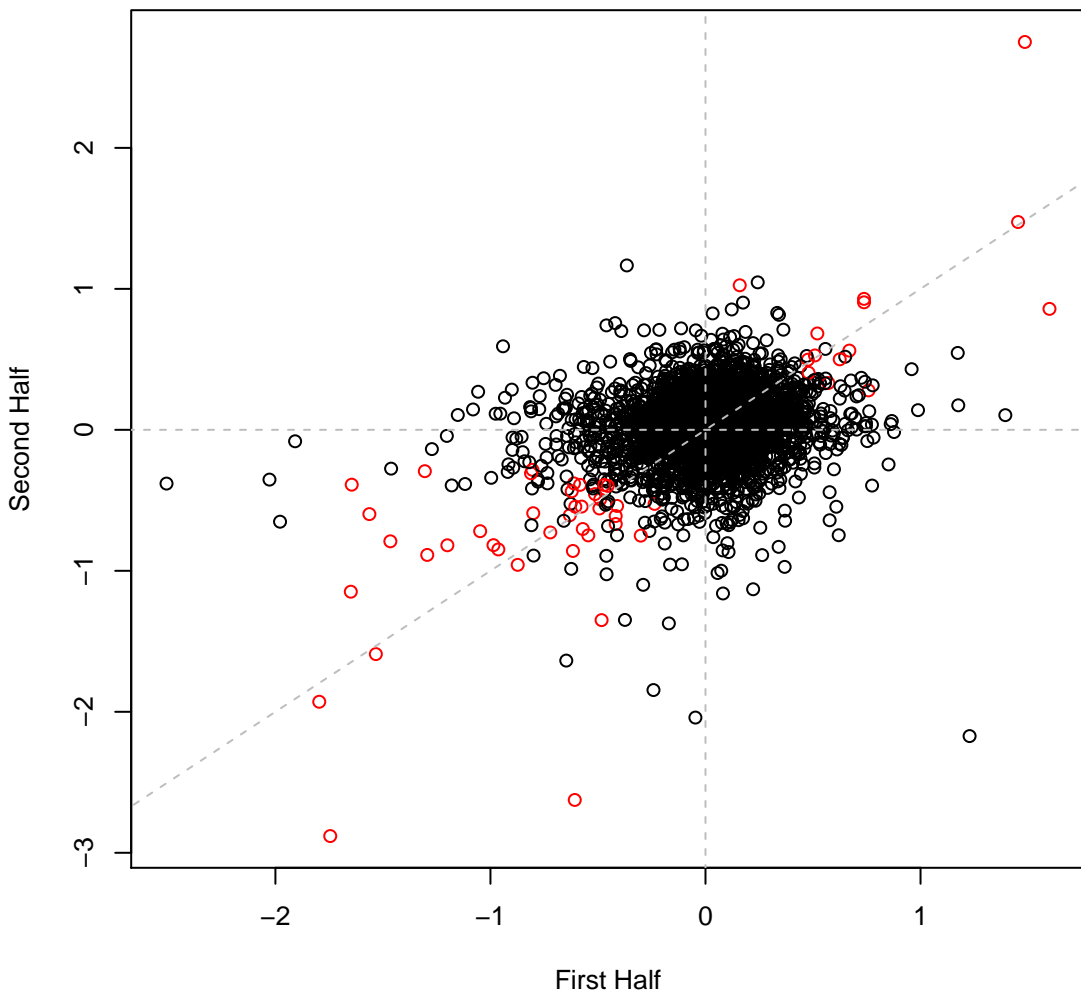
**pseudo6\_N2E2 set3IT070 #118 (gMed=192 rho12=0.234)**  
**Nalidixic 0.004 mg/ml**



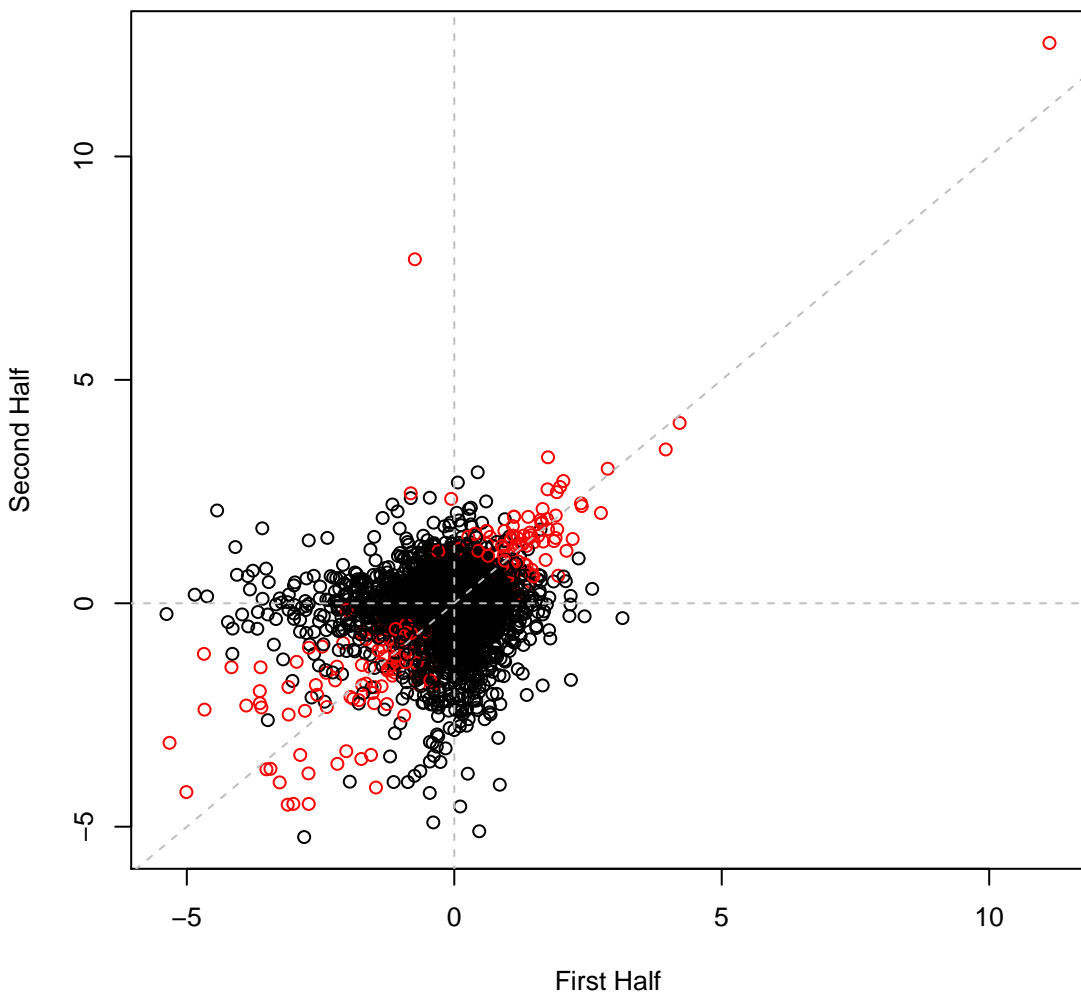
**pseudo6\_N2E2 set3IT071 #119 (gMed=215 rho12=0.235)**  
**Nalidixic 0.008 mg/ml**



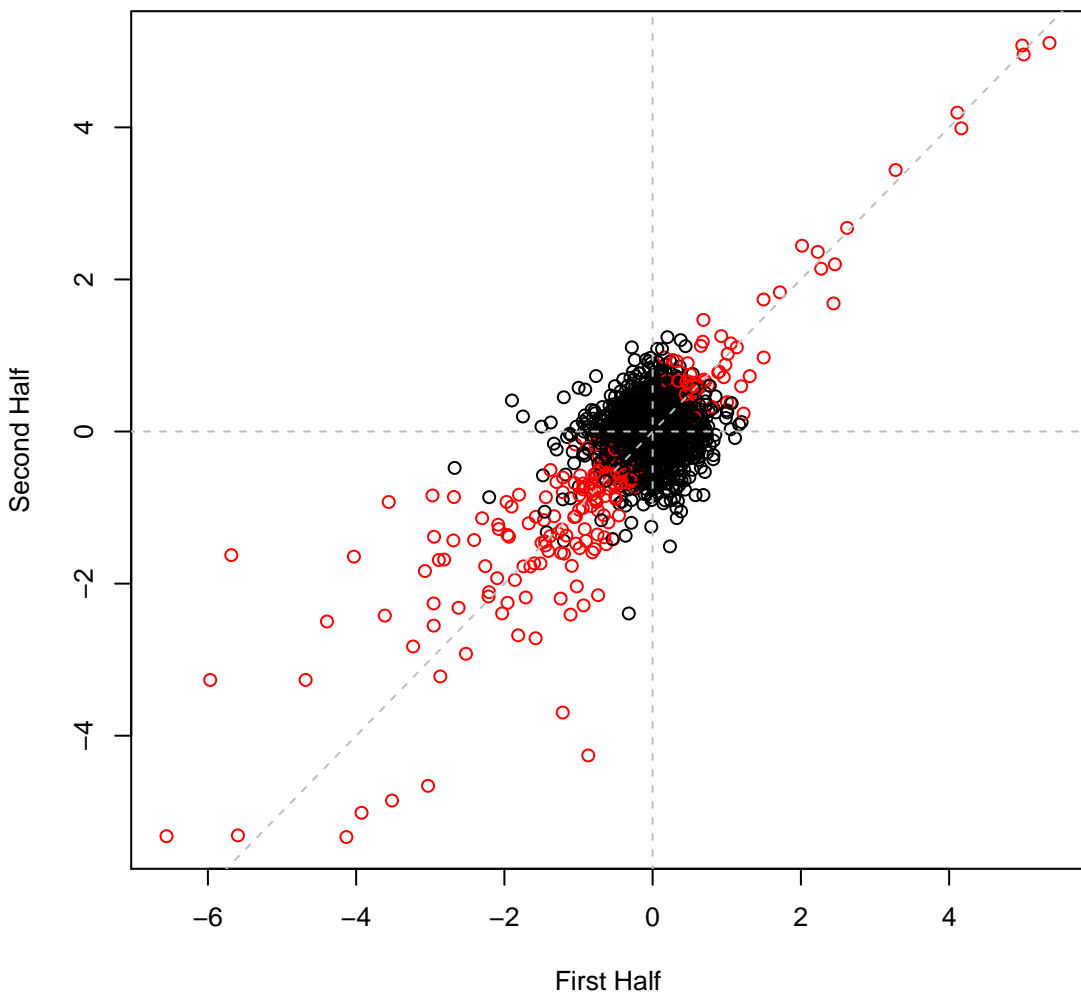
**pseudo6\_N2E2 set3IT072 #120 (gMed=239 rho12=0.184)**  
**LB**



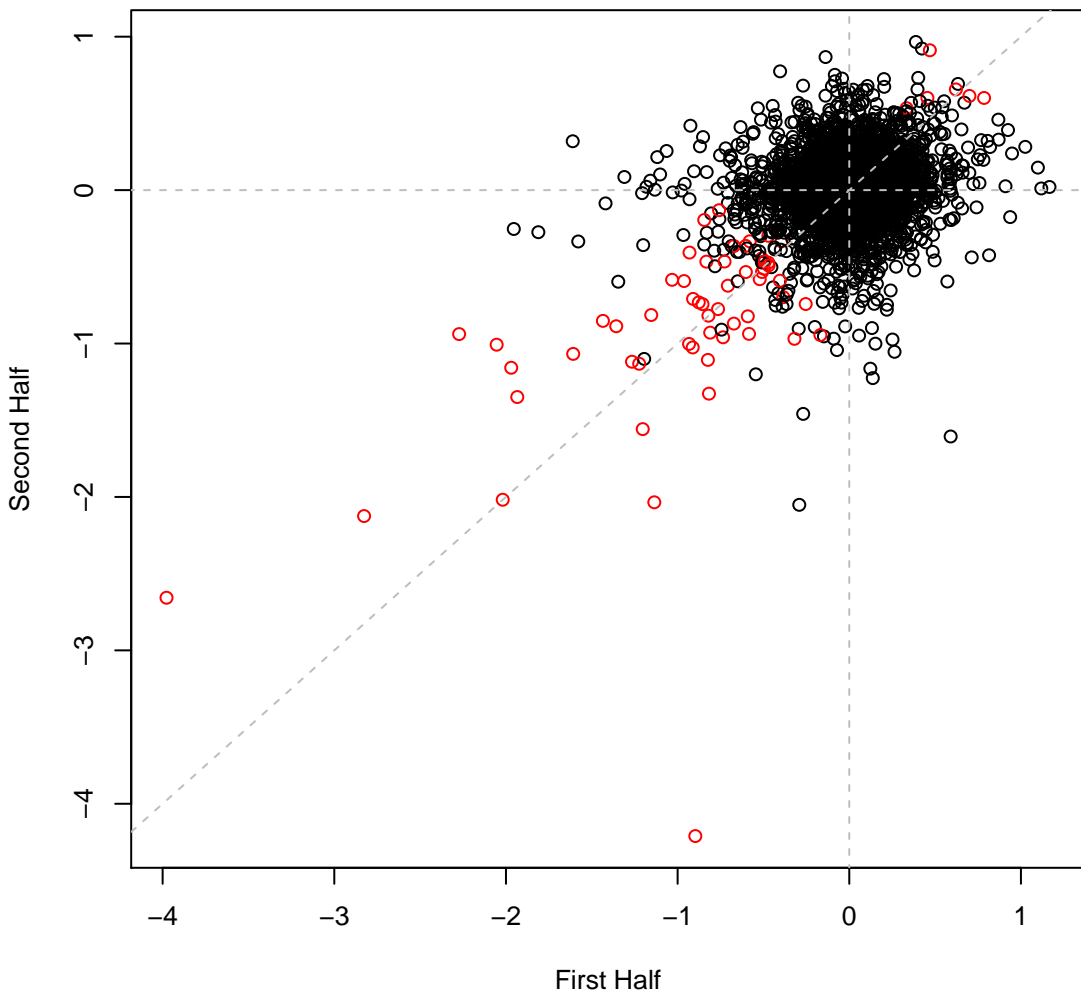
**pseudo6\_N2E2 set3IT073 #121 (gMed=86 rho12=0.155)**  
**2-Furfuraldehyde 0.032 vol%**



**pseudo6\_N2E2 set3IT074 #122 (gMed=177 rho12=0.247)**  
**5-Hydroxymethylfurfural 10 mM**

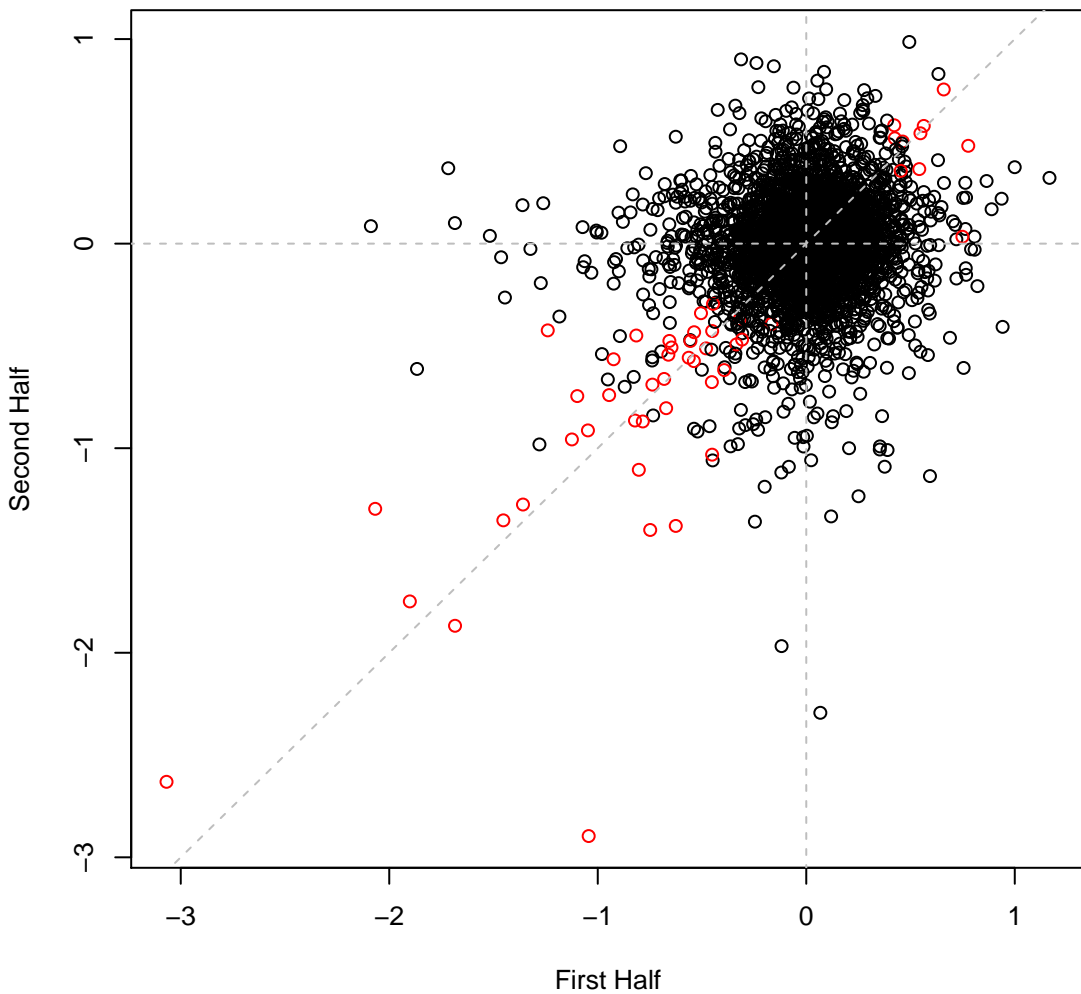


**pseudo6\_N2E2 set3IT075 #123 (gMed=223 rho12=0.154)**  
**Dimethyl Sulfoxide 7.5 vol%**

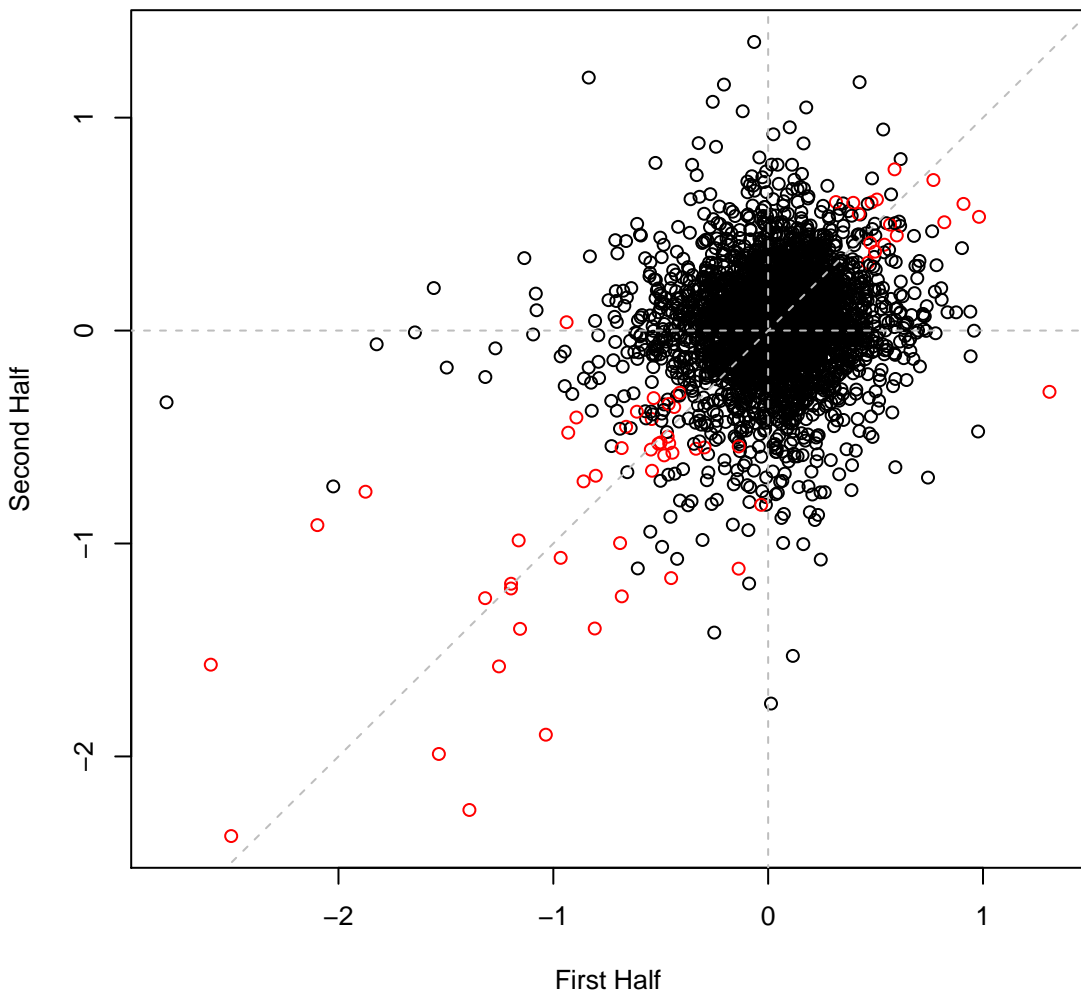




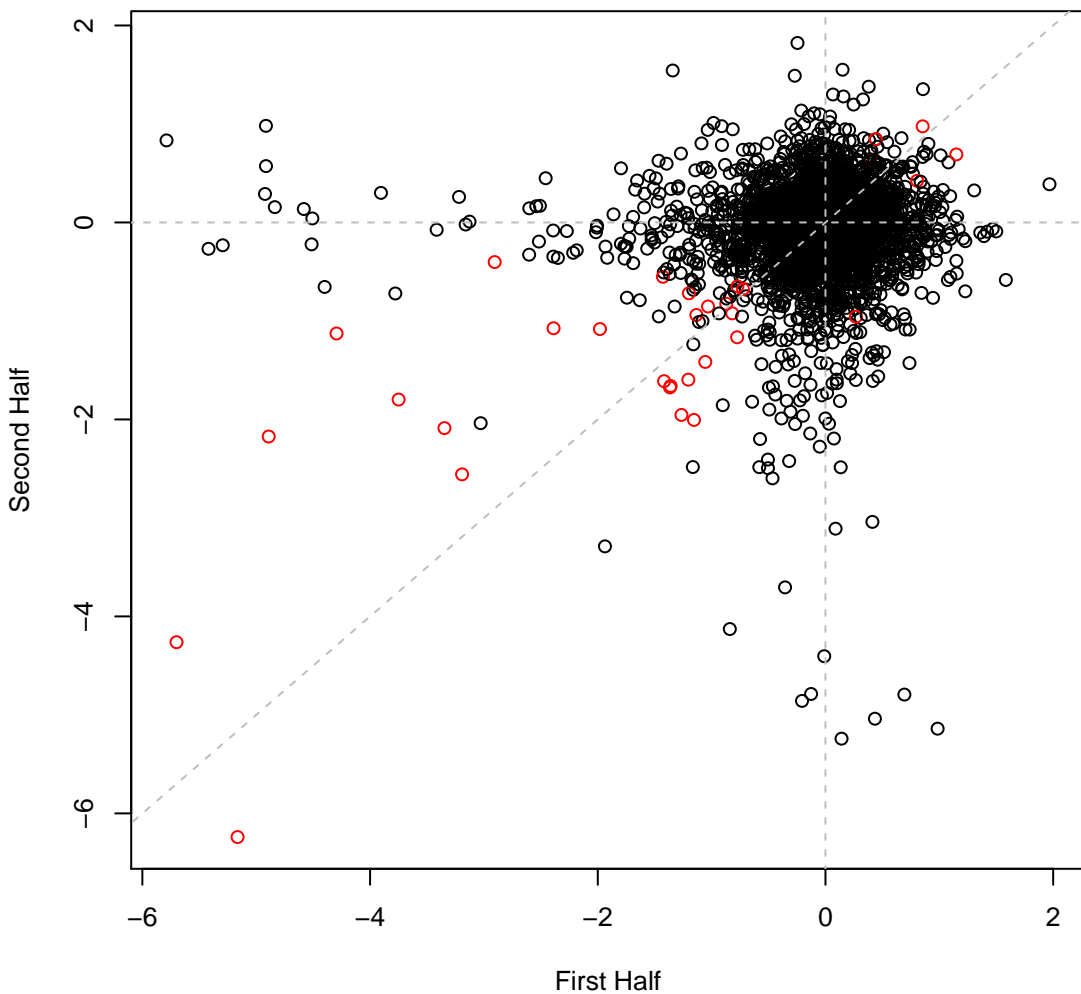
**pseudo6\_N2E2 set3IT076 #124 (gMed=243 rho12=0.126)**  
**LB**



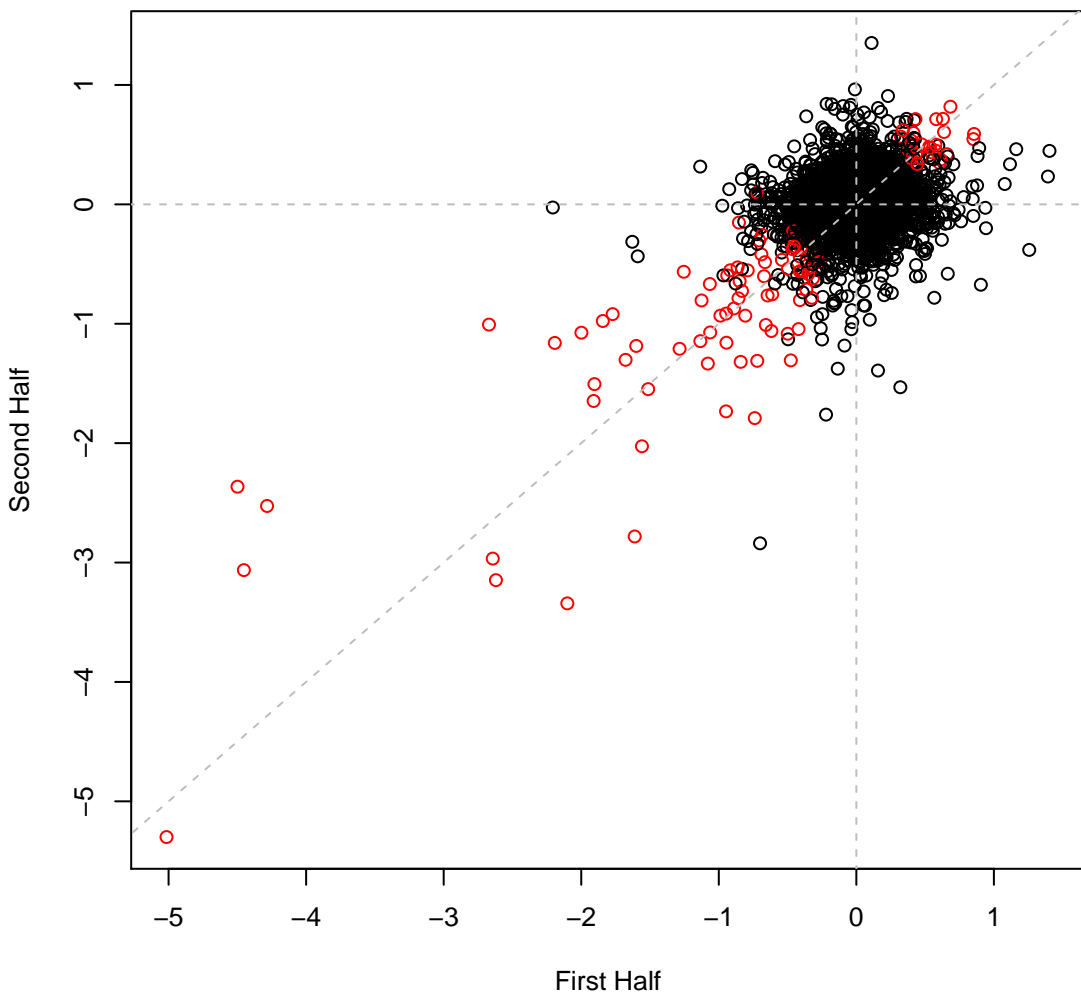
**pseudo6\_N2E2 set3IT077 #125 (gMed=232 rho12=0.120)**  
**Choline chloride 150 mM**



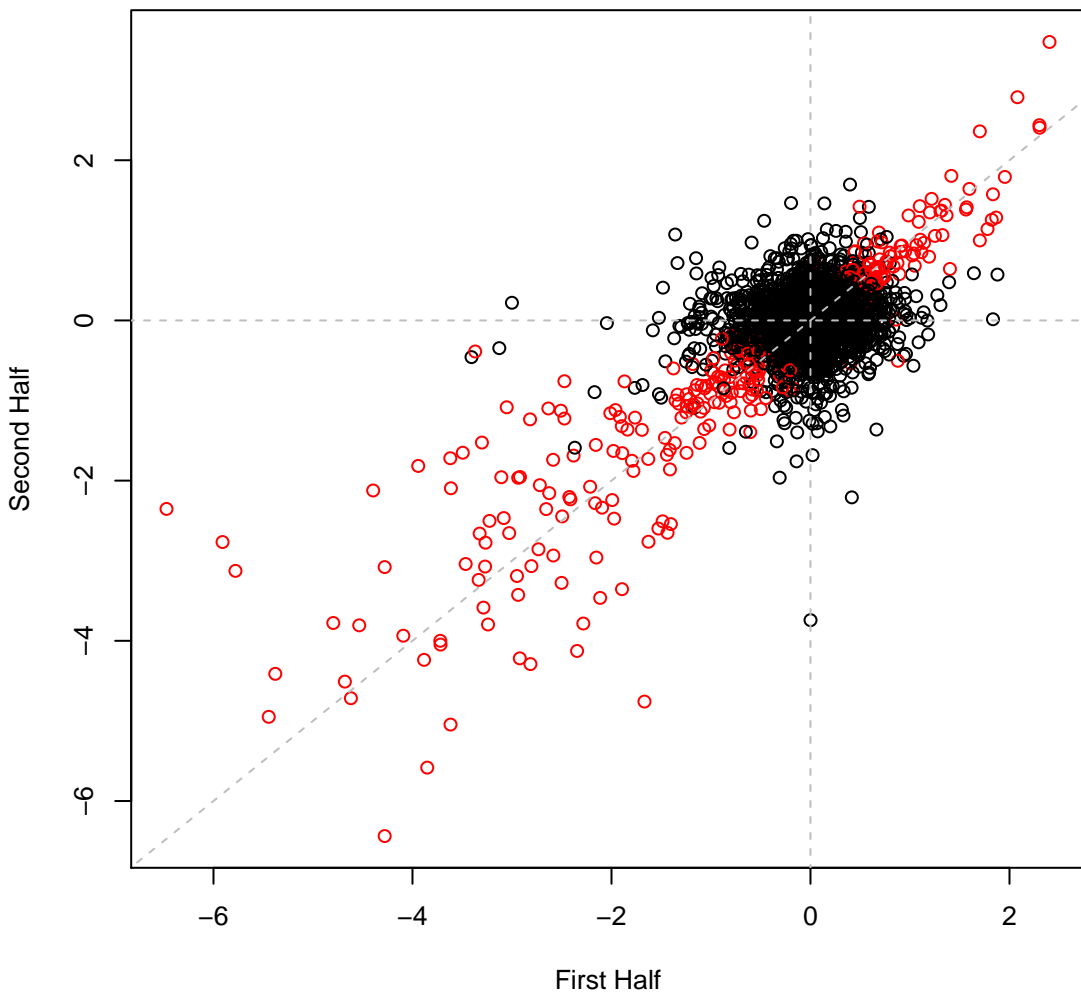
**pseudo6\_N2E2 set3IT078 #126 (gMed=189 rho12=0.092)**  
**Cholin acetate 40 mM**



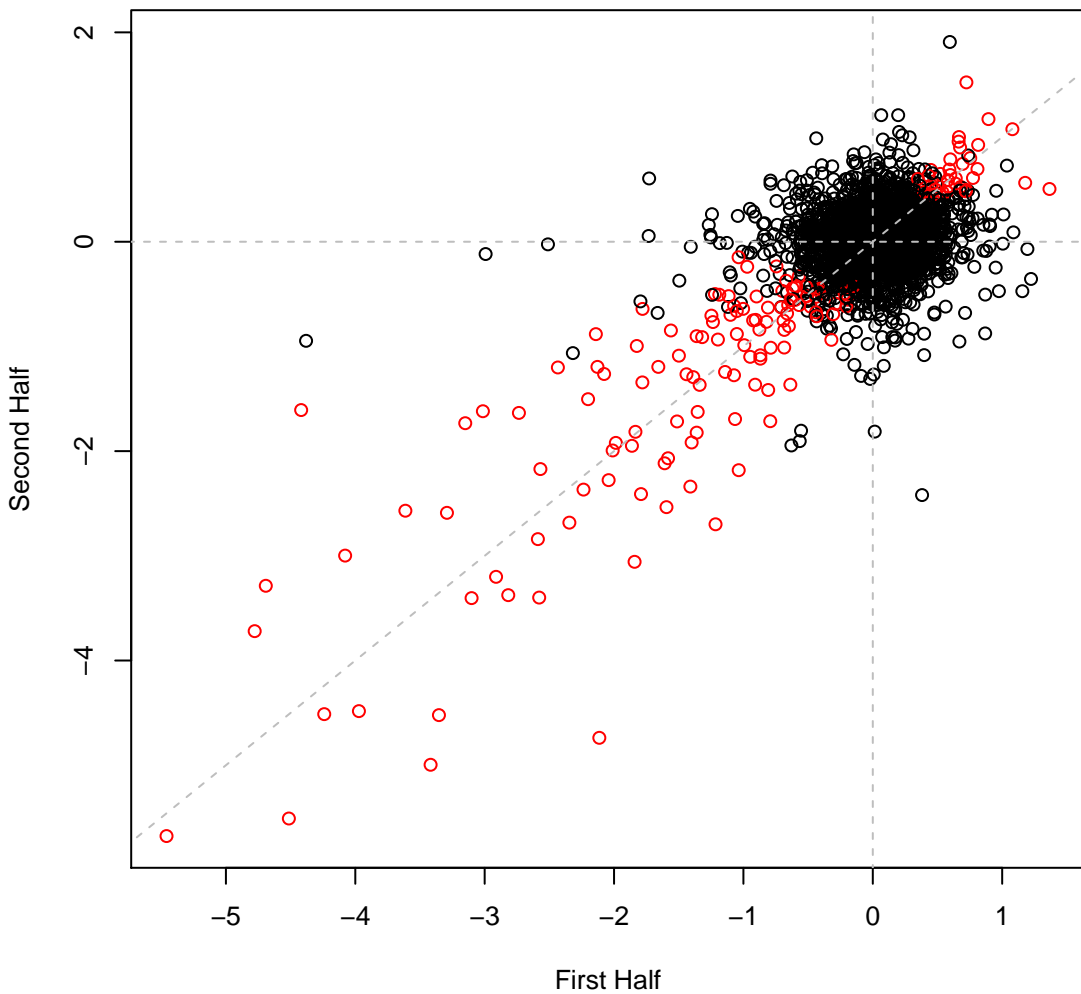
**pseudo6\_N2E2 set3IT079 #127 (gMed=324 rho12=0.190)**  
**acetate 80 mM**



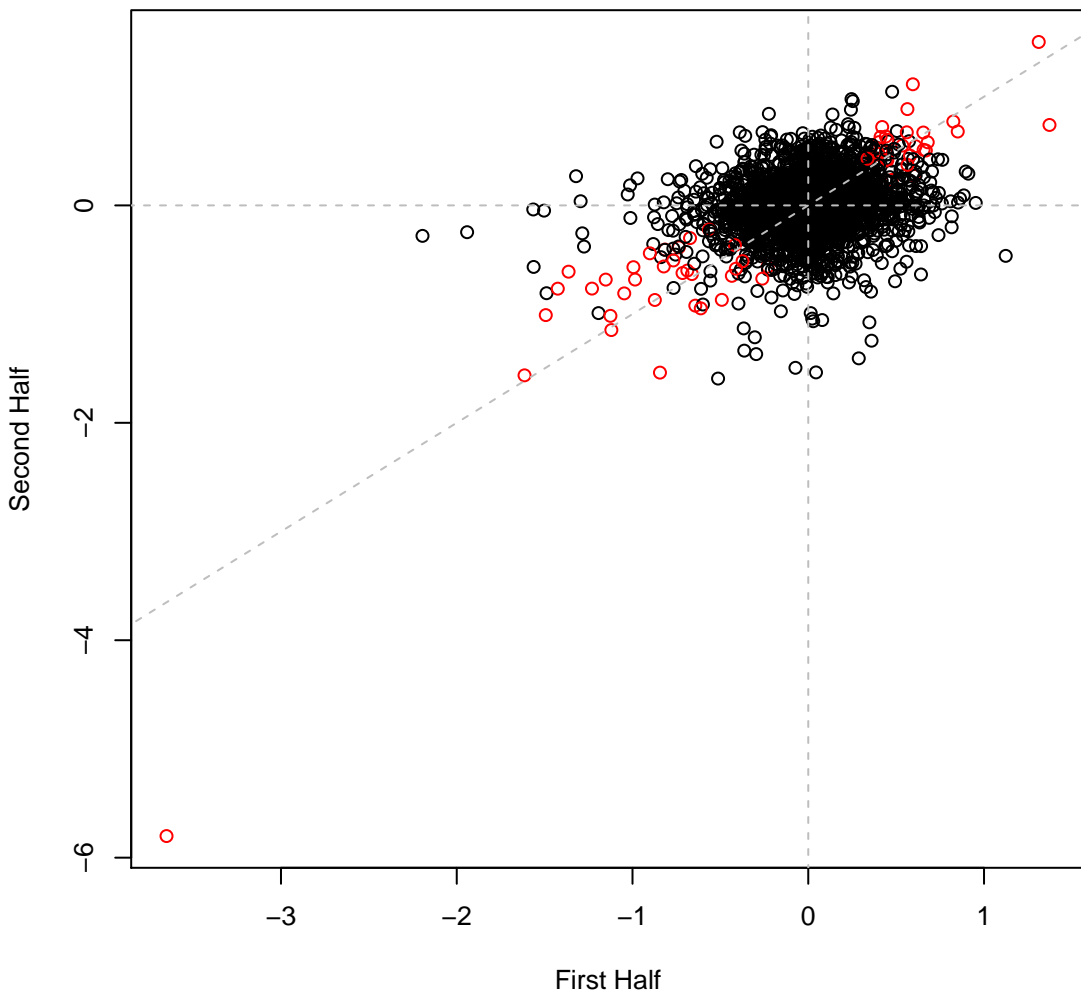
**pseudo6\_N2E2 set3IT080 #128 (gMed=232 rho12=0.313)**  
**Choline Lysine 20 mM**



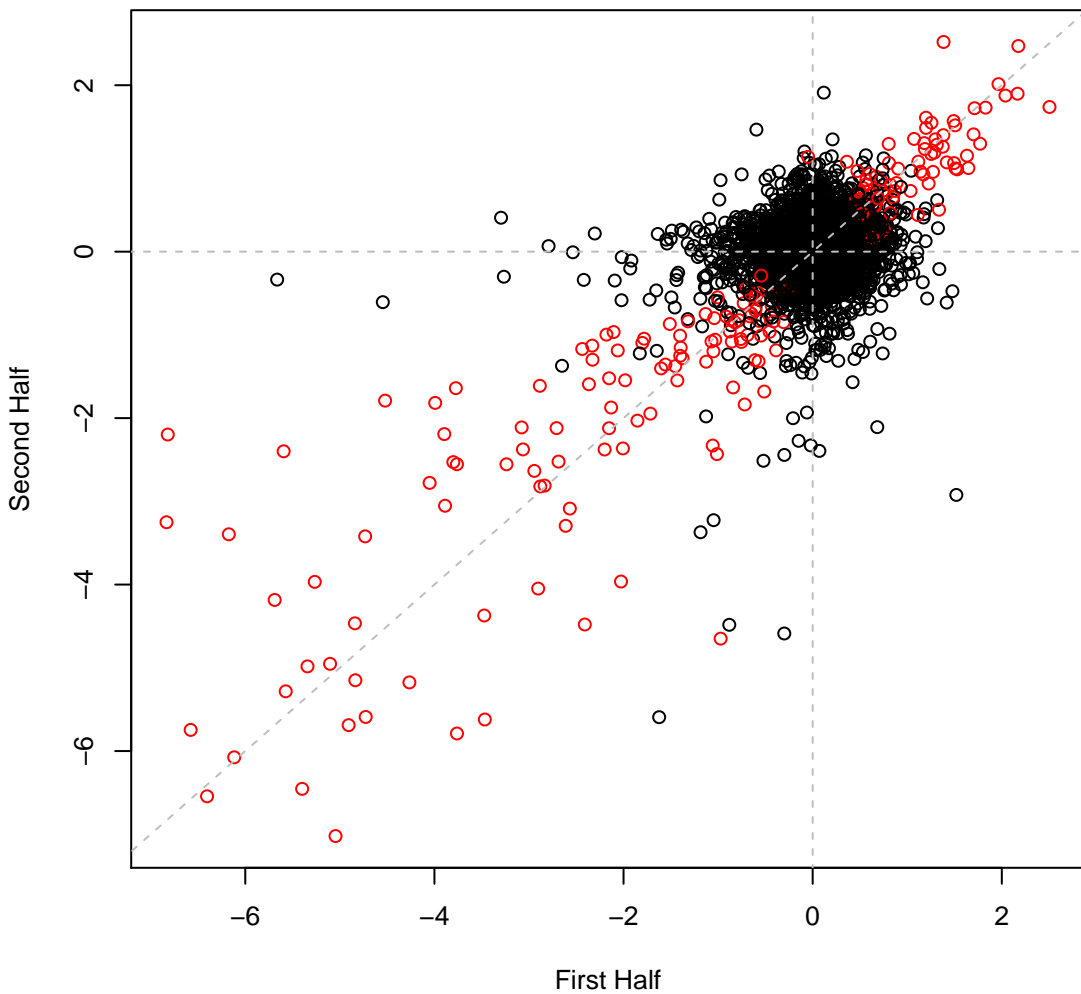
**pseudo6\_N2E2 set3IT081 #129 (gMed=200 rho12=0.237)**  
**L-Lysine 25 mM**



**pseudo6\_N2E2 set3IT082 #130 (gMed=240 rho12=0.209)**  
**LB**

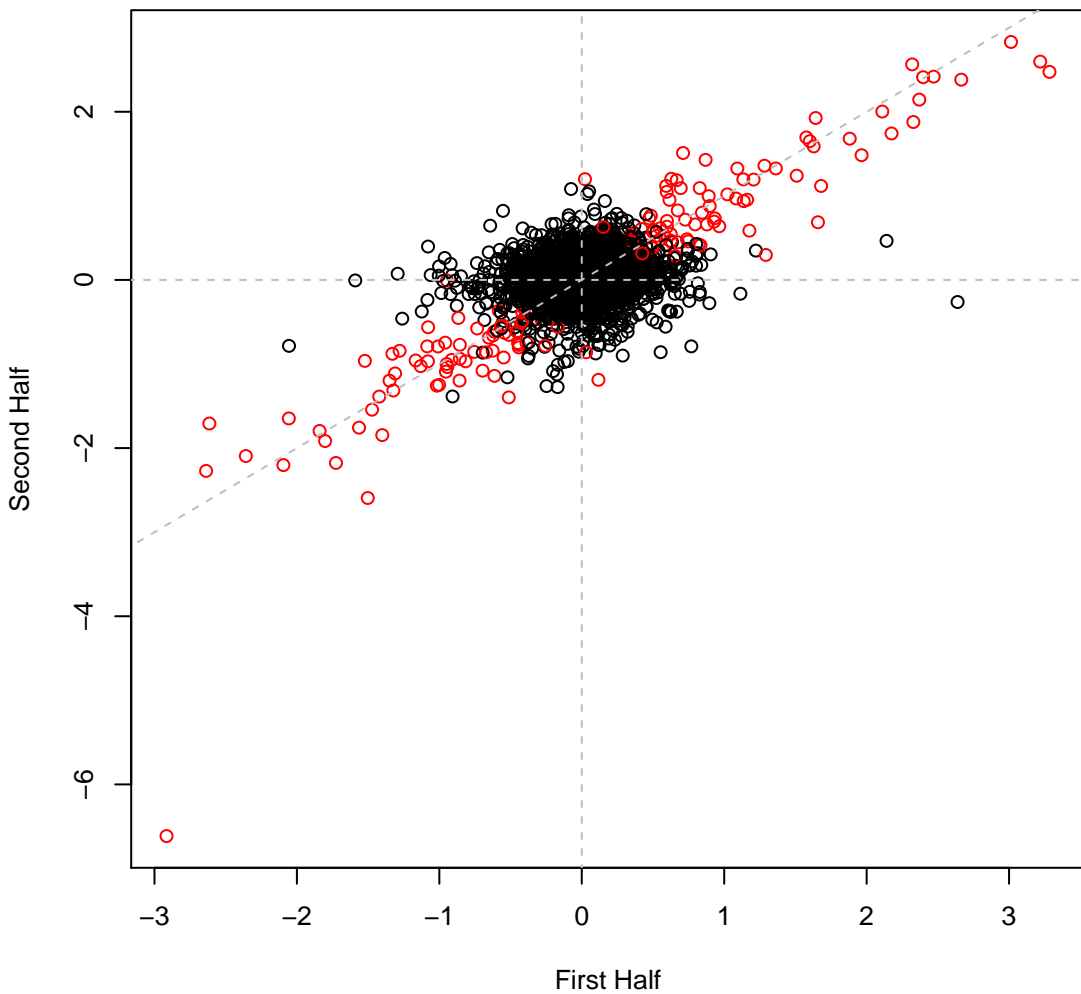


**pseudo6\_N2E2 set3IT083 #131 (gMed=239 rho12=0.246)**  
**copper (II) chloride 3 mM**

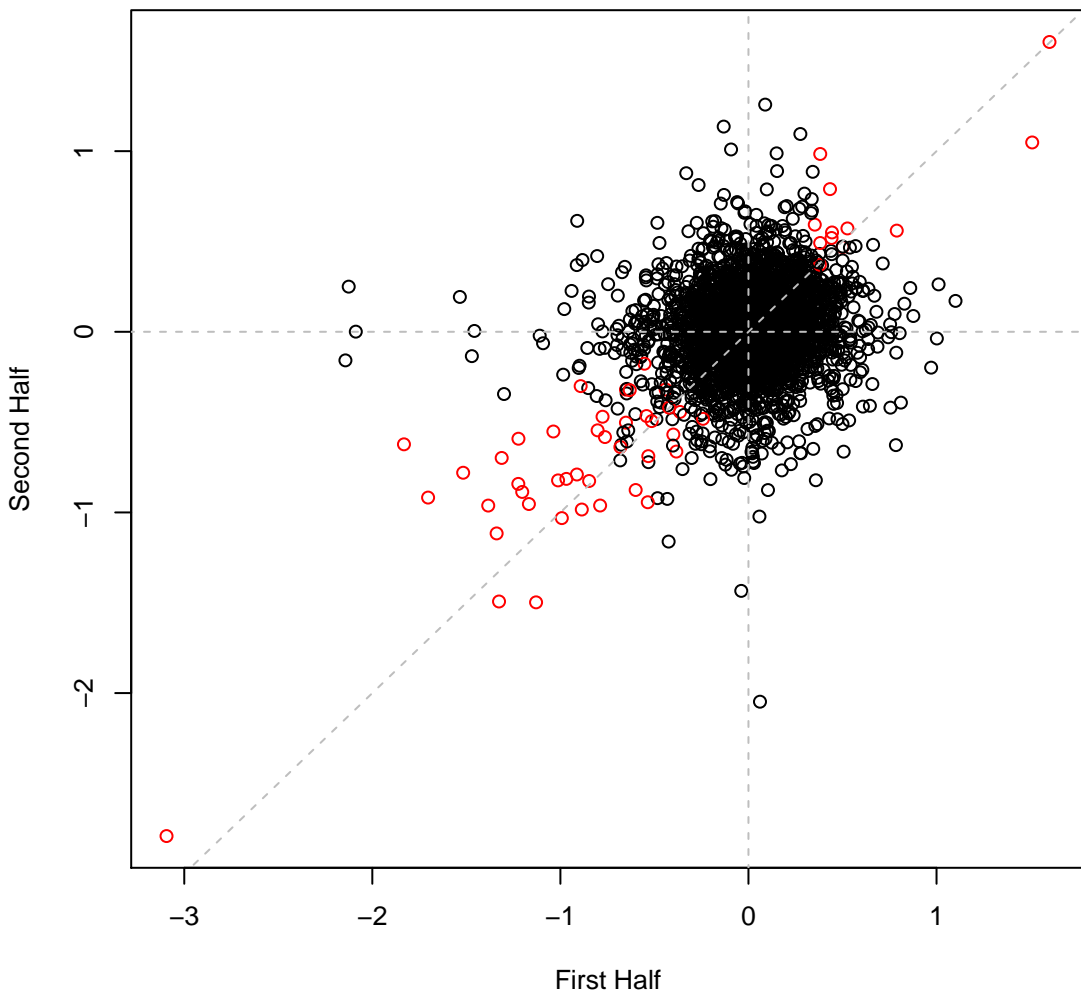




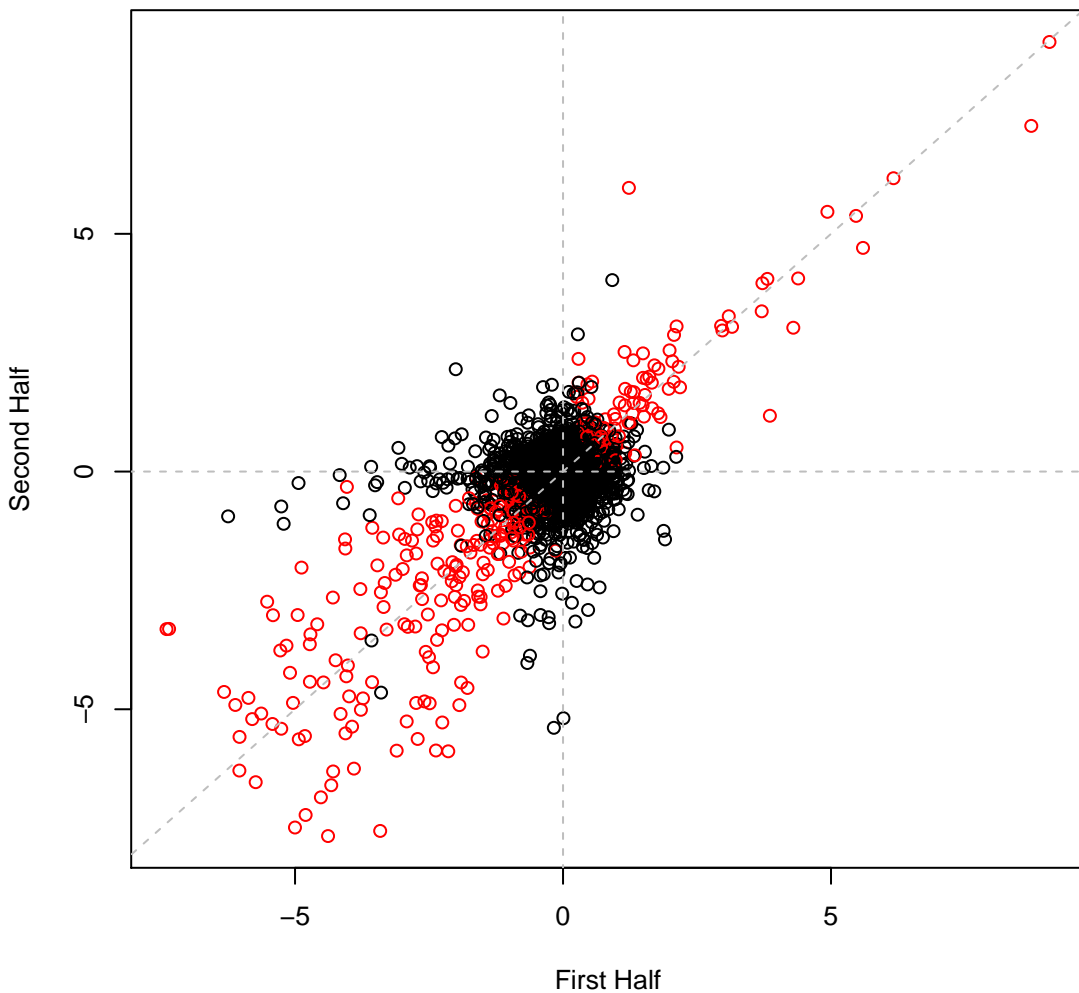
**pseudo6\_N2E2 set3IT084 #132 (gMed=243 rho12=0.250)**  
**perchlorate 50 mM**



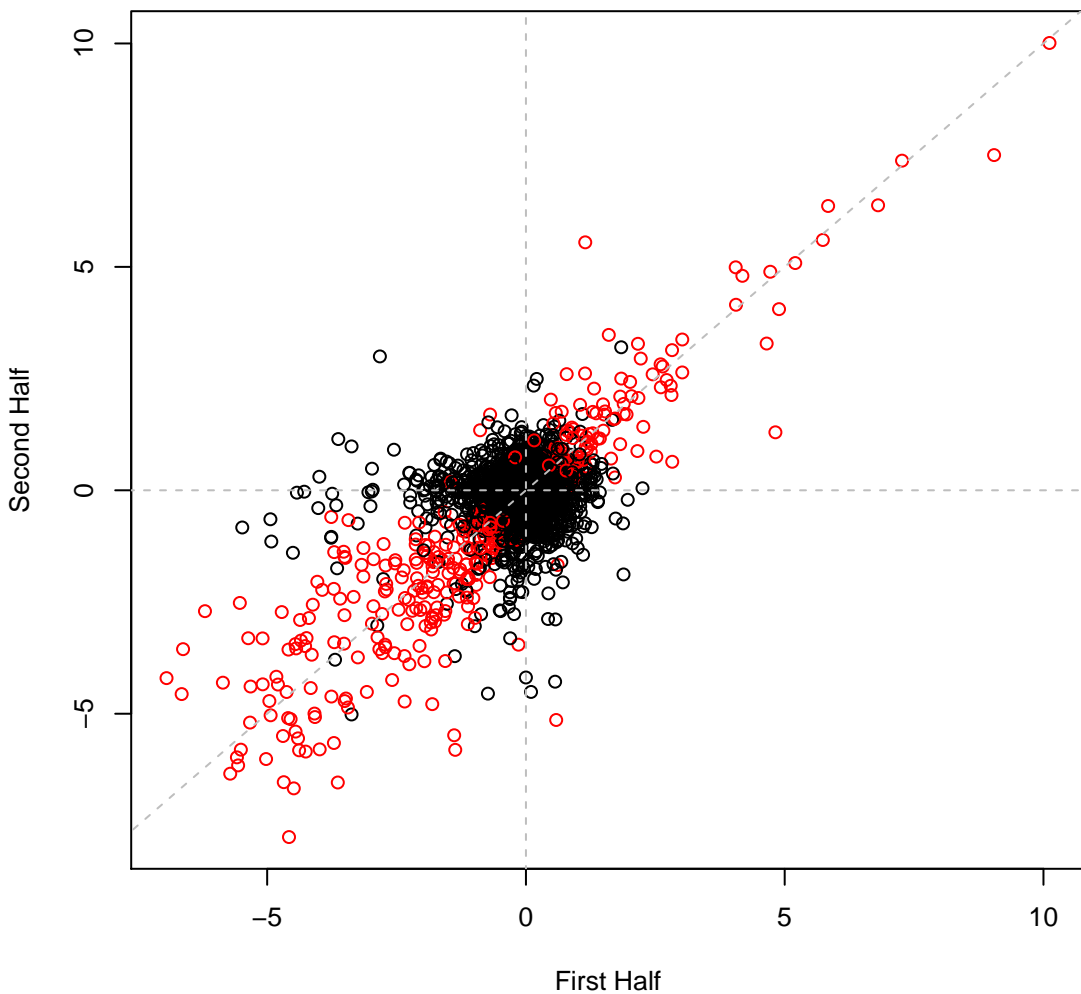
**pseudo6\_N2E2 set3IT085 #133 (gMed=257 rho12=0.165)**  
**LB**



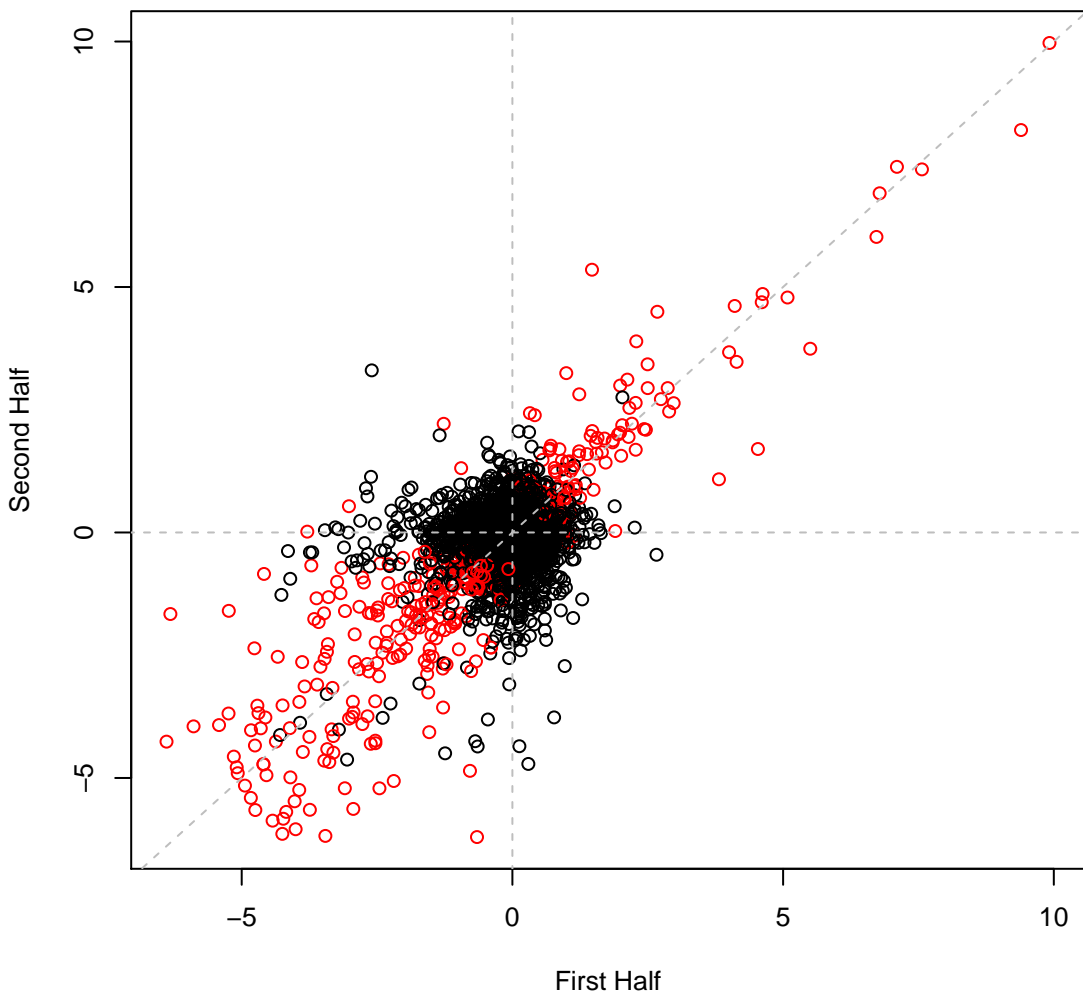
**pseudo6\_N2E2 set3IT086 #134 (gMed=145 rho12=0.312)**  
**inner cut, LB soft agar motility assay**



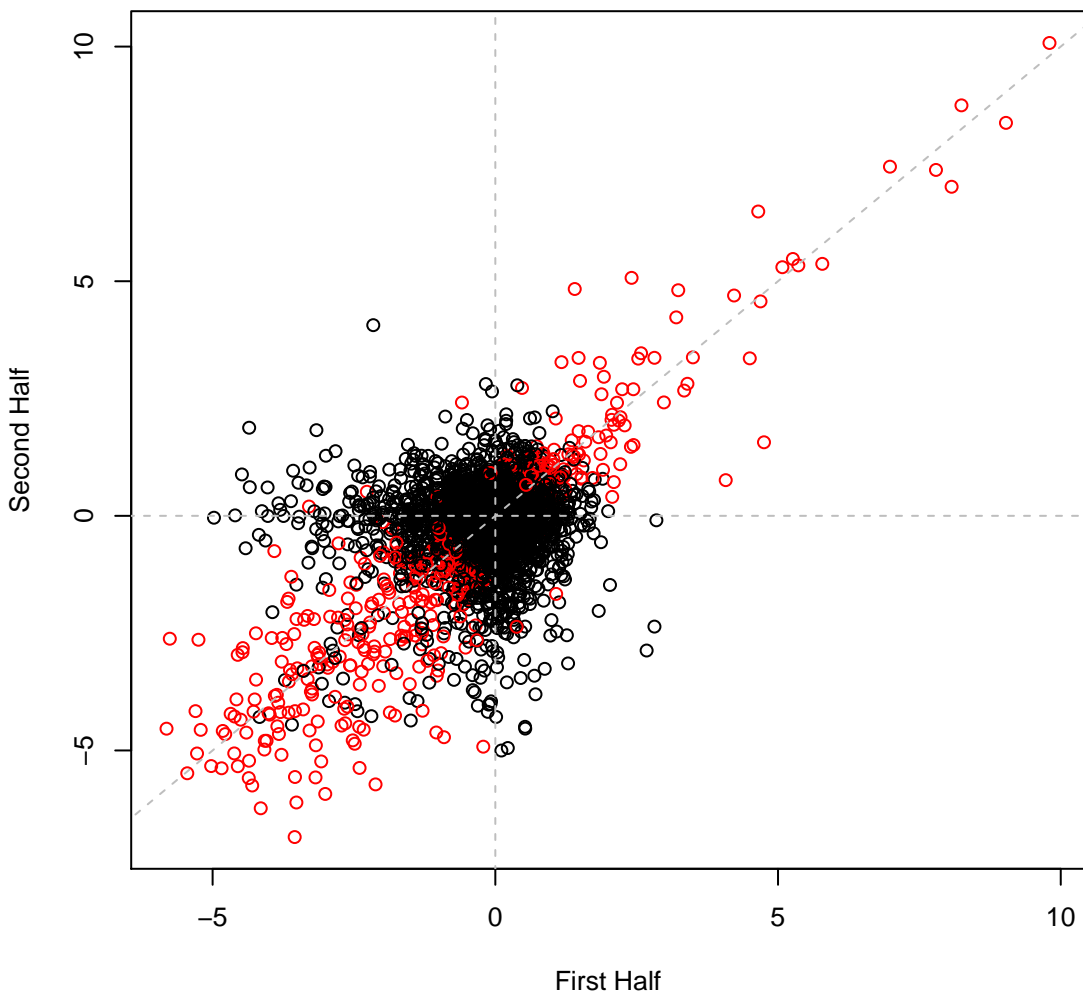
**pseudo6\_N2E2 set3IT087 #135 (gMed=111 rho12=0.333)**  
**inner cut, LB soft agar motility assay**



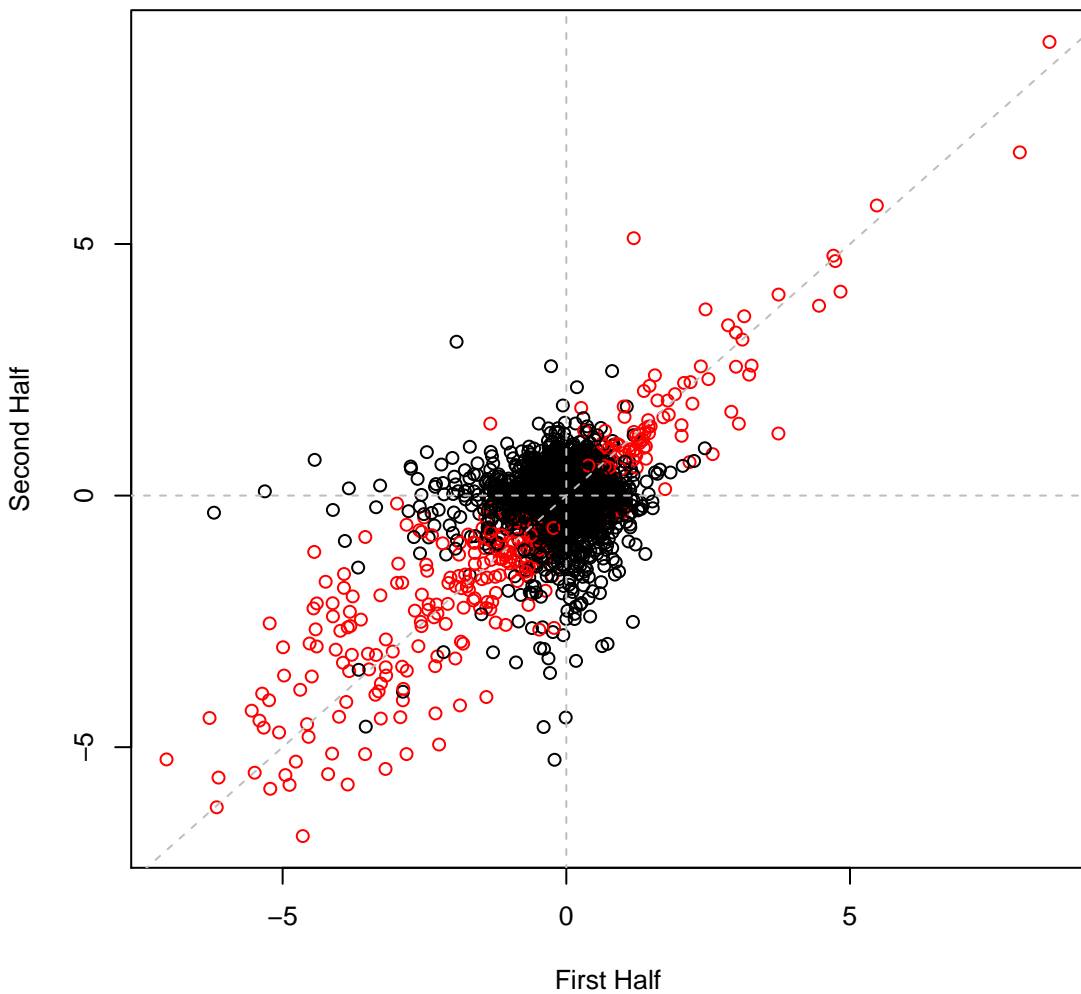
**pseudo6\_N2E2 set3IT088 #136 (gMed=79 rho12=0.318)**  
**inner cut, LB soft agar motility assay**



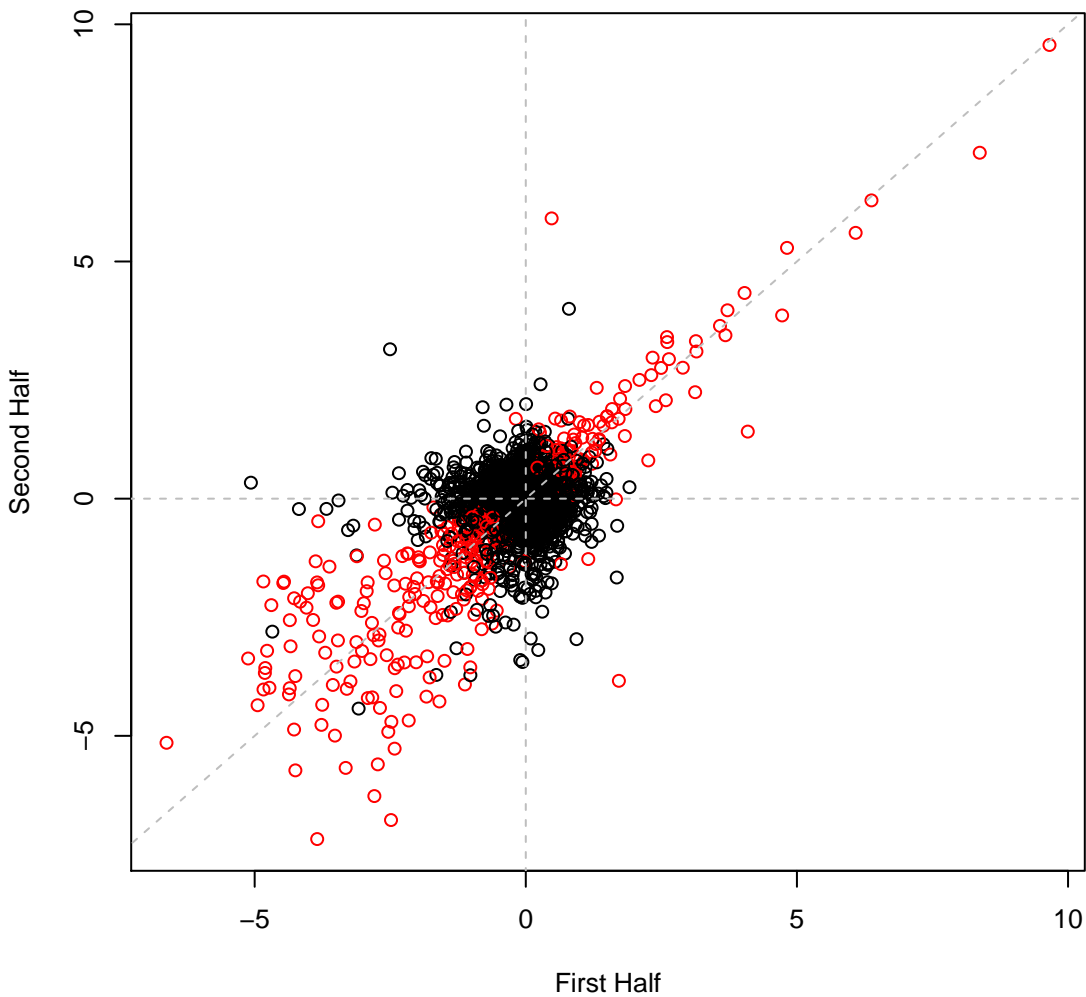
**pseudo6\_N2E2 set3IT089 #137 (gMed=59 rho12=0.294)**  
**outer cut, LB soft agar motility assay**



**pseudo6\_N2E2 set3IT090 #138 (gMed=127 rho12=0.289)**  
**outer cut, LB soft agar motility assay**

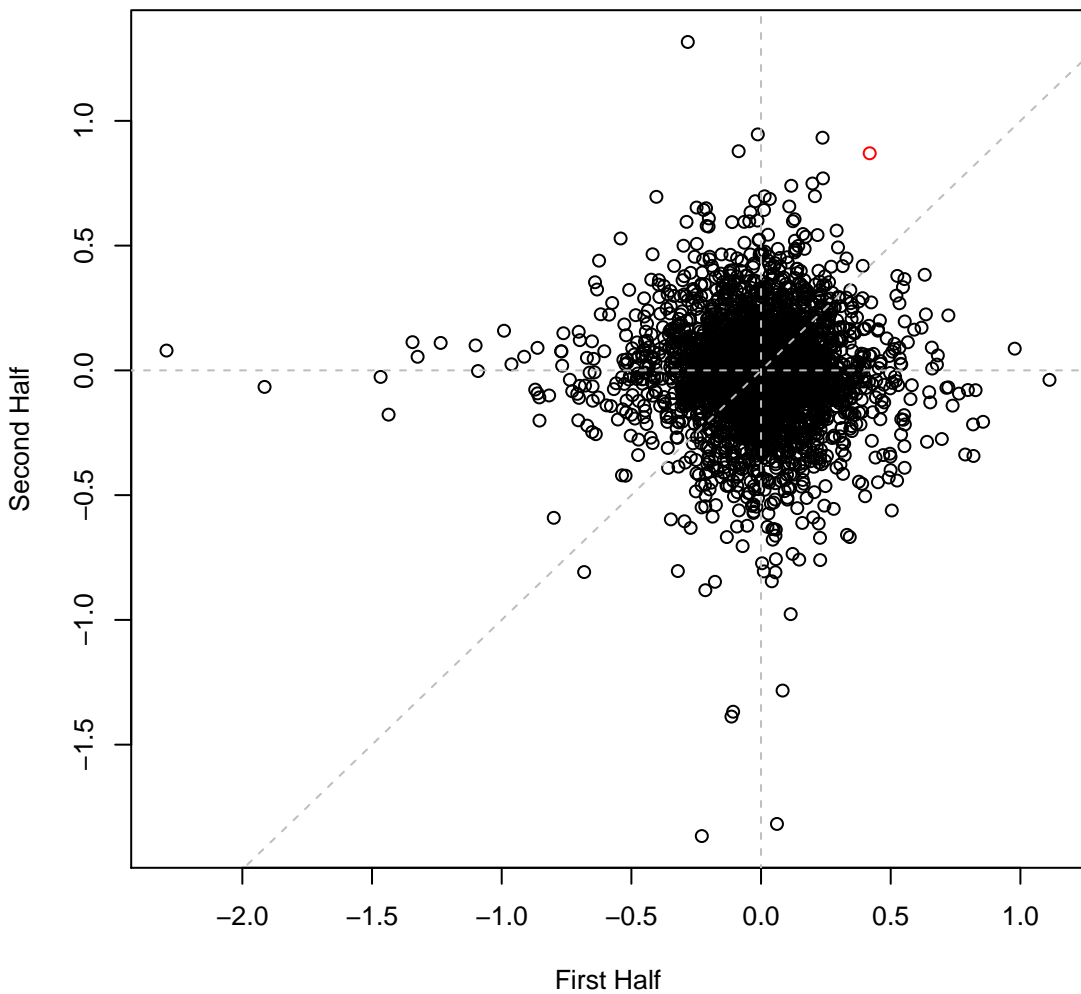


**pseudo6\_N2E2 set3IT091 #139 (gMed=126 rho12=0.291)**  
**outer cut, LB soft agar motility assay**



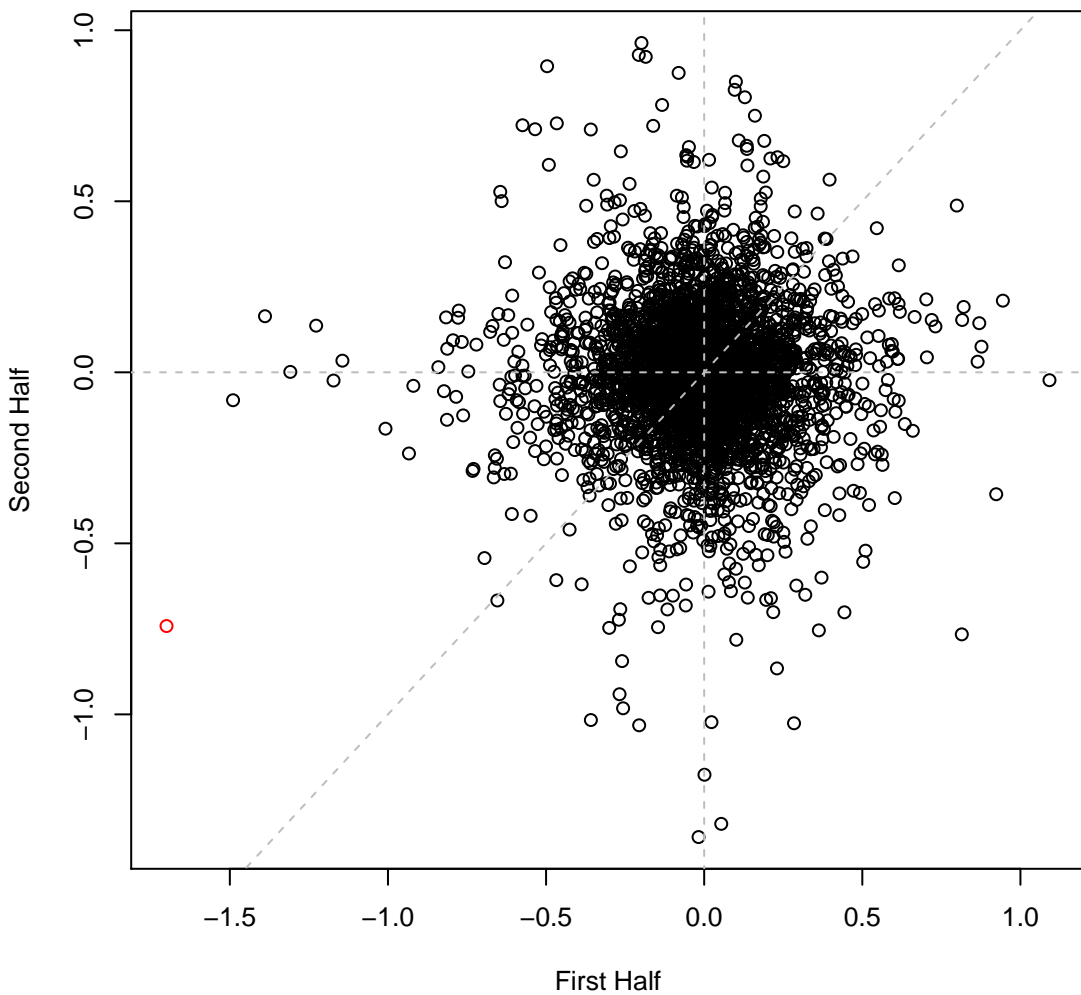


**pseudo6\_N2E2 set3IT092 #140 (gMed=224 rho12=-0.019)**  
**Time0**



pseudo6\_N2E2 set3IT093 #141 (gMed=216 rho12=-0.010)

Time0



**pseudo6\_N2E2 set3IT094 #142 (gMed=215 rho12=0.002)**  
**Time0**

